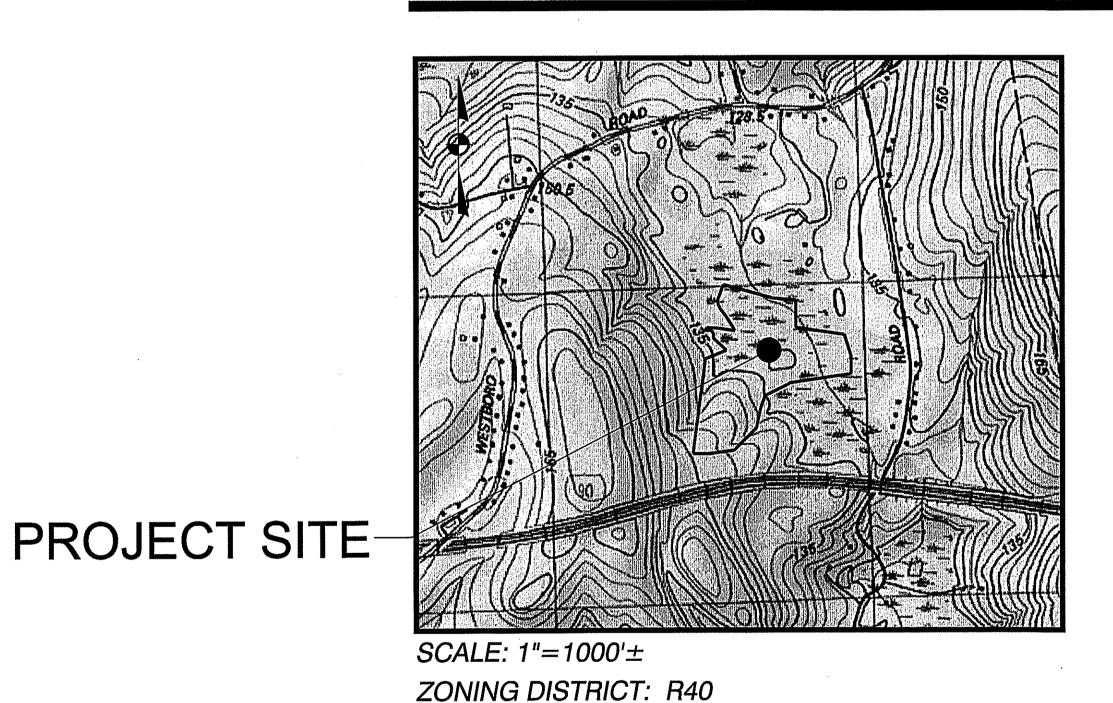
Definitive Conventional Subdivision Plans

Applicant:

June 10, 2016 (Revised November 22, 2016)

Estates at Bull Meadow

North Grafton, Massachusetts 01536

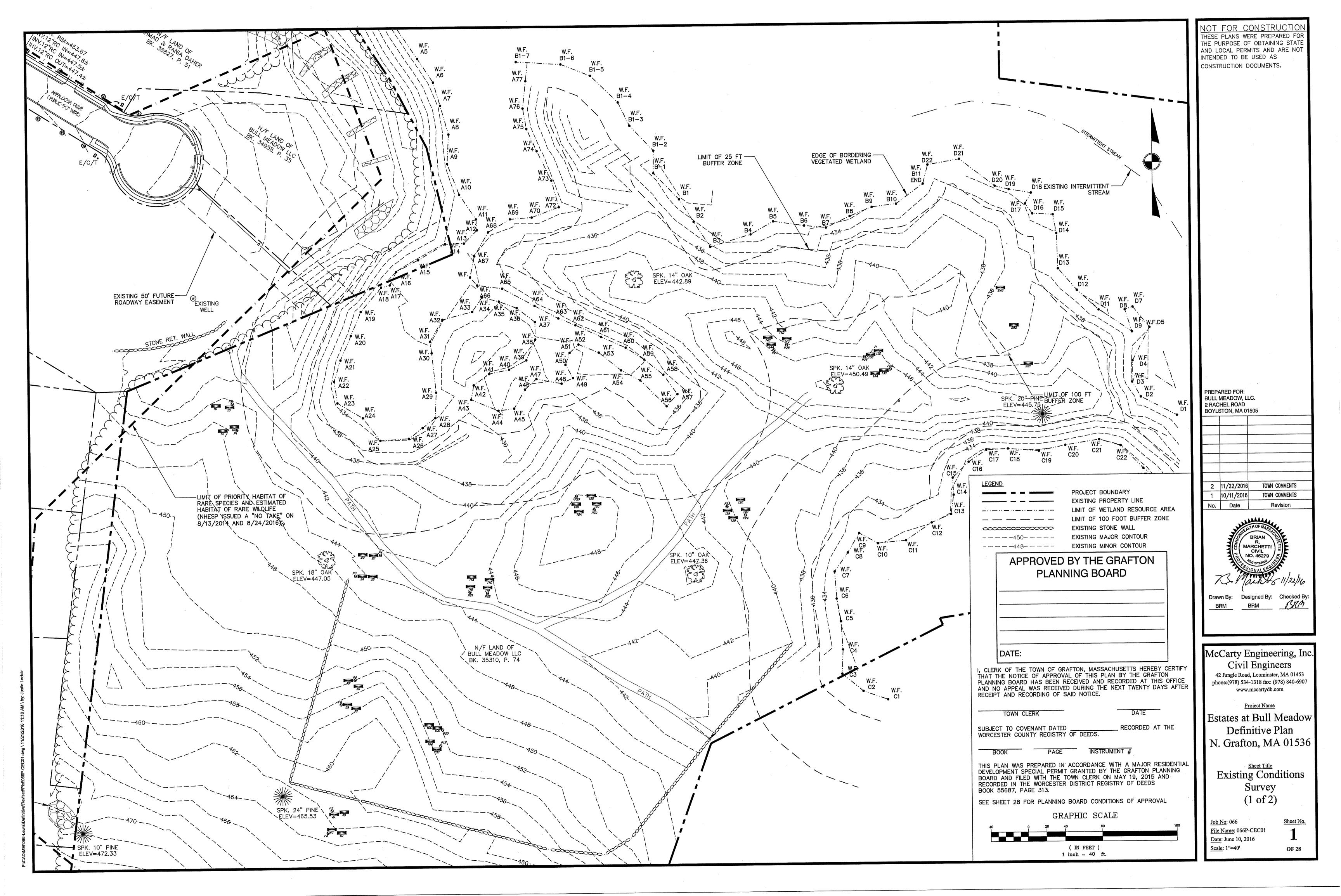


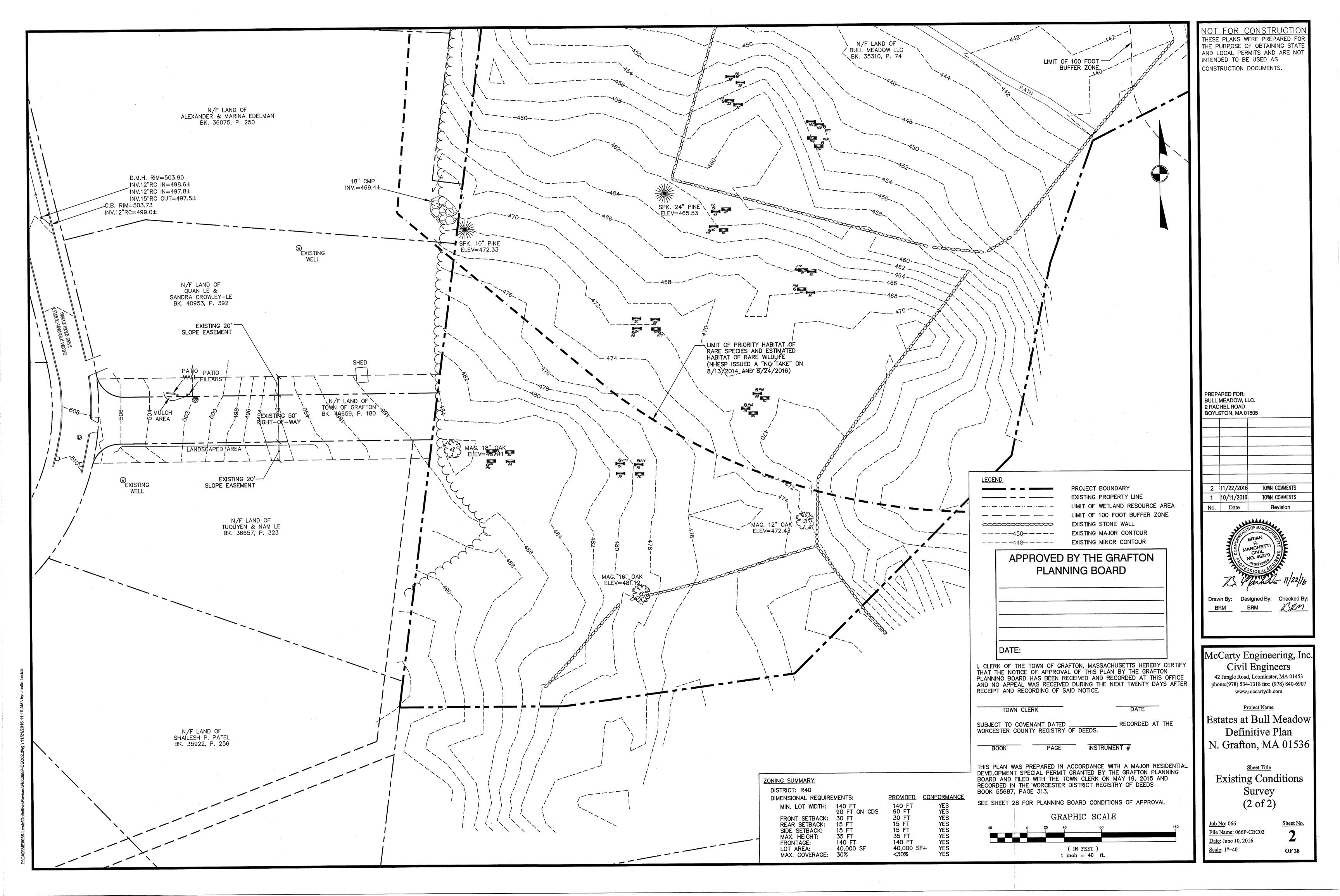
Bull Meadow, LLC.
2 Rachel Road
Boylston, MA 01505
(978)833-4747
Record Owner:
Bull Meadow, LLC.
Mr. Gordon Lewis, Manager
2 Rachel Road
Boylston, MA 01505
(978) 833-4747
Civil Engineer:
McCarty Engineering, Inc.
42 Jungle Road
Leominster, MA 01453
(978) 534-1318

Surveyor:
Whitman & Bingham Associates, LLC.
510 Mechanic Street
Leominster, MA 01453
(978) 537-5296
Wetland Consultant:
EcoTec, Inc.
102 Grove Street
Worcester, MA 01605
(508)752-9494



Sheet Title Sheet **Cover Sheet** Roadway and Utility Profiles (4 of 4) Construction Details (3 of 4) Existing Conditions Survey (1 of 2) Layout and Materials Plan (3 of 3) 17 Water Main Extension Plan Construction Details (4 of 4) 18 26 Grading and Drainage Plan (1 of 2) Existing Conditions Survey (2 of 2) 10 Stormtech Detail Sheet 19 Erosion Control Plan (1 of 2) Grading and Drainage Plan (2 of 2) Lotting Plan (1 of 4) Erosion Control Plan (2 of 2) 28 Conditions of Approval 20 Utility Plan (1 of 2) Lotting Plan (2 of 4) Wetland Crossing and Replication Plan Lotting Plan (3 of 4) 21 Utility Plan (2 of 2) 22 Construction Phasing Plan Lotting Plan (4 of 4) Roadway and Utility Profiles (1 of 4) 14 23 Construction Details (1 of 4) Roadway and Utility Profiles (2 of 4) Overall Subdivision Plan (1 of 3) 15 Construction Details (2 of 4) 24 Layout and Materials Plan (2 of 3) Roadway and Utility Profiles (3 of 4) 16







I HEREBY CERTIFY THAT NO NOTICE OF APPEALS WAS RECEIVED DURING THE TWENTY DAYS NEXT AFTER THE RECEIPT AND RECORDING OF THE NOTICE FROM THE GRAFTON PLANNING BOARD OF THE APPROVAL OF THIS PLAN.

TOWN OF GRAFTON CLERK

DATE

I CERTIFY THAT THIS PLAN MEETS WITH REGULATIONS OF REGISTERS OF DEEDS

JUNE 10, 2016

REVISED 10-11-16 REVISED 11-22-16

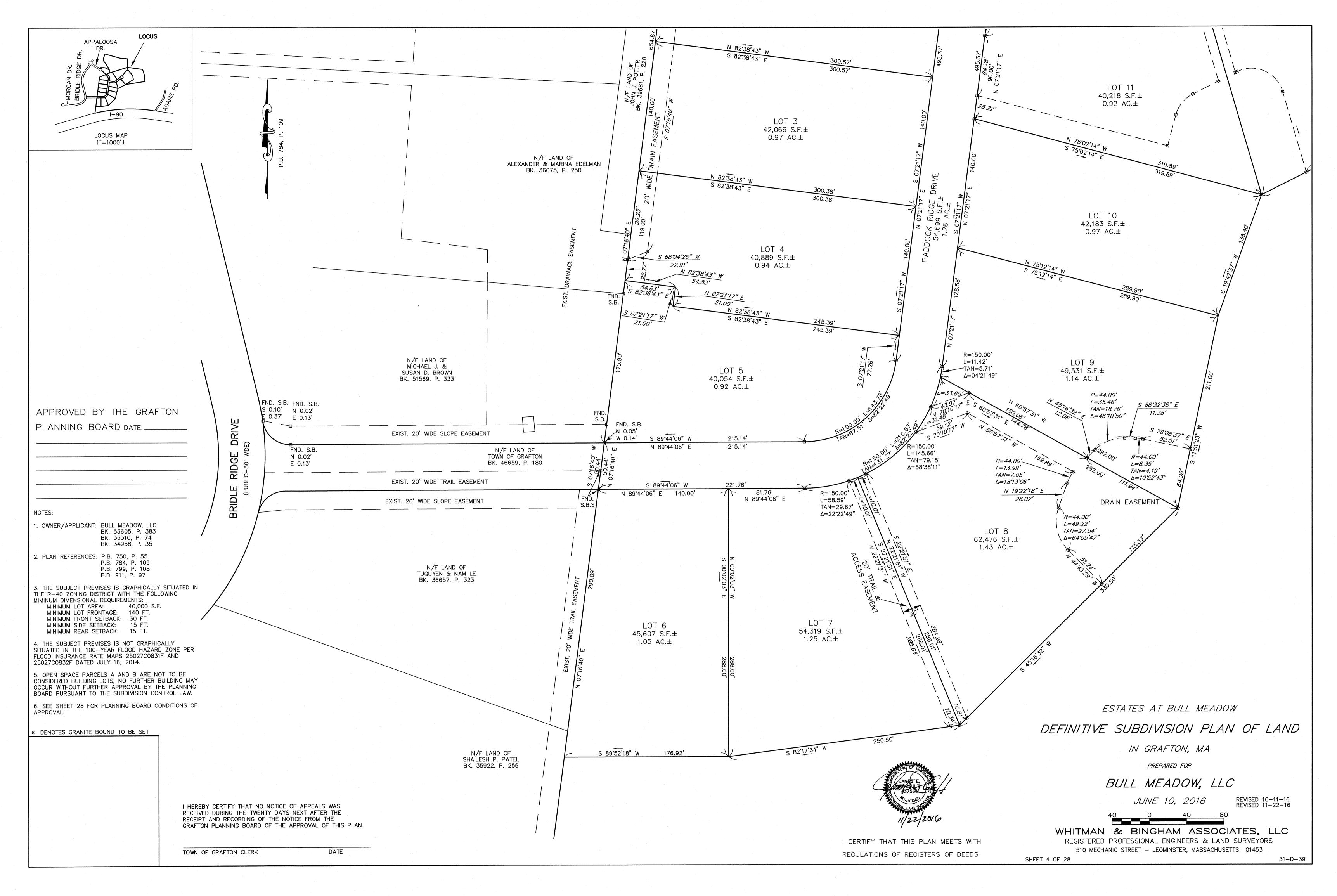


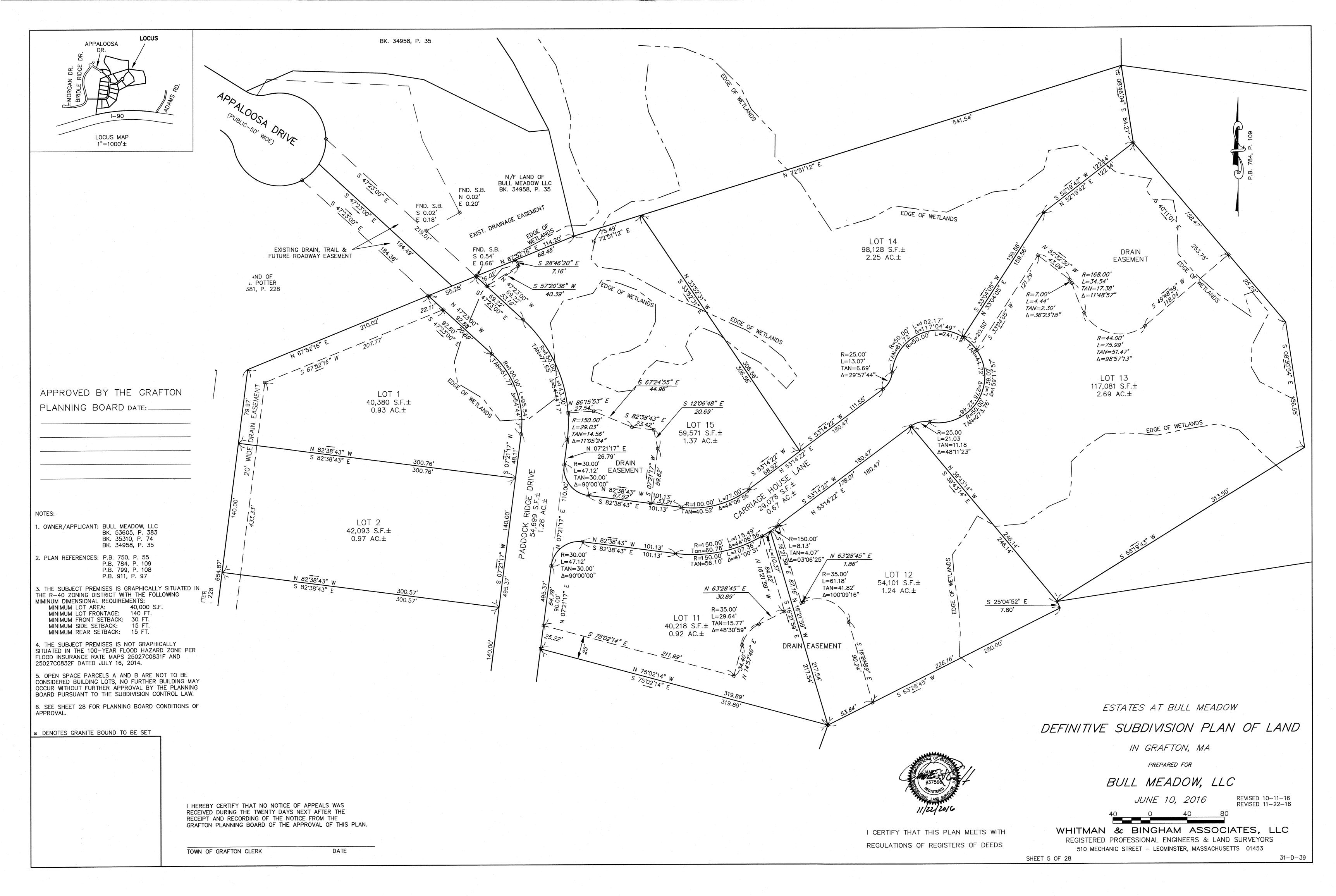
WHITMAN & BINGHAM ASSOCIATES, LLC REGISTERED PROFESSIONAL ENGINEERS & LAND SURVEYORS

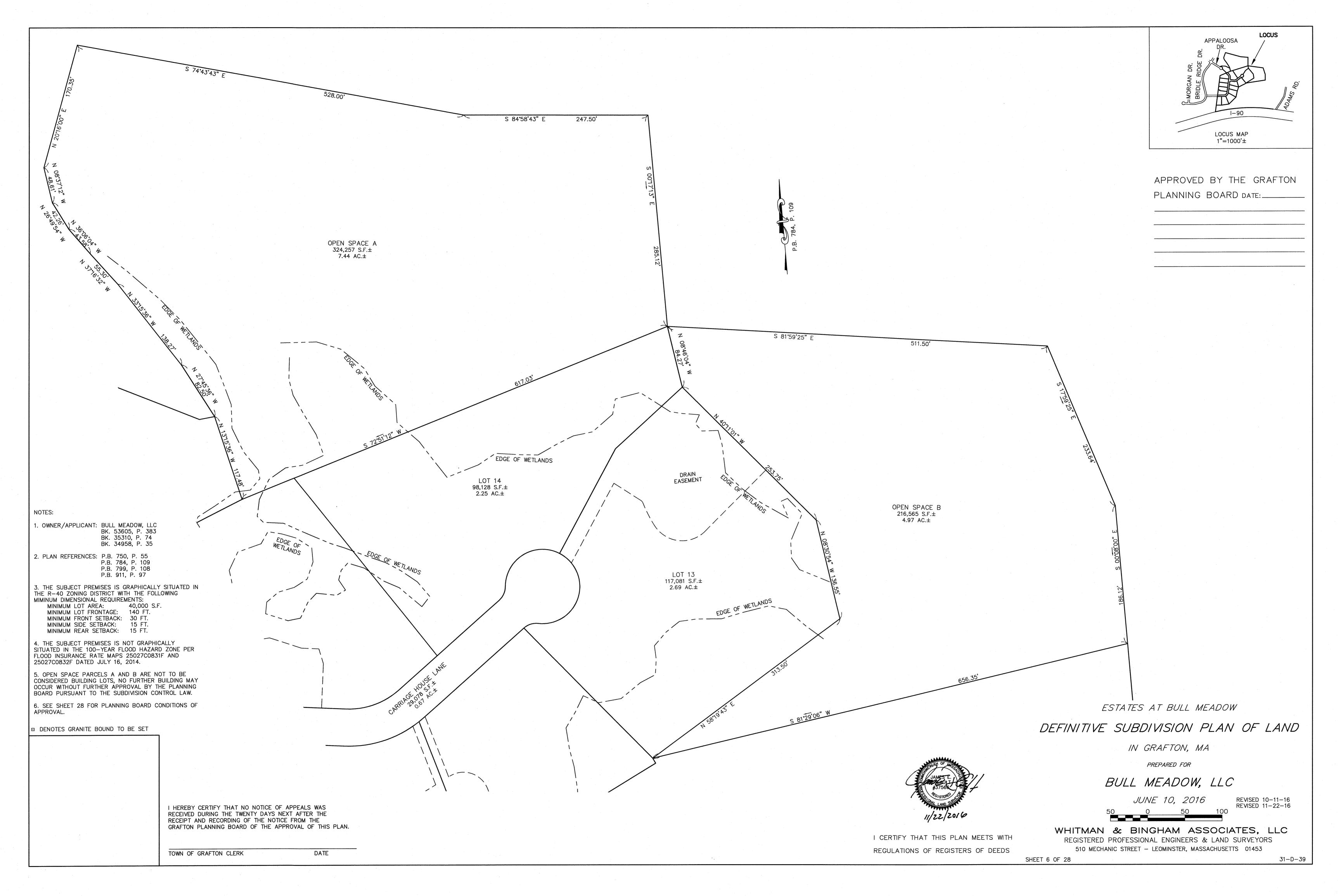
510 MECHANIC STREET - LEOMINSTER, MASSACHUSETTS 01453

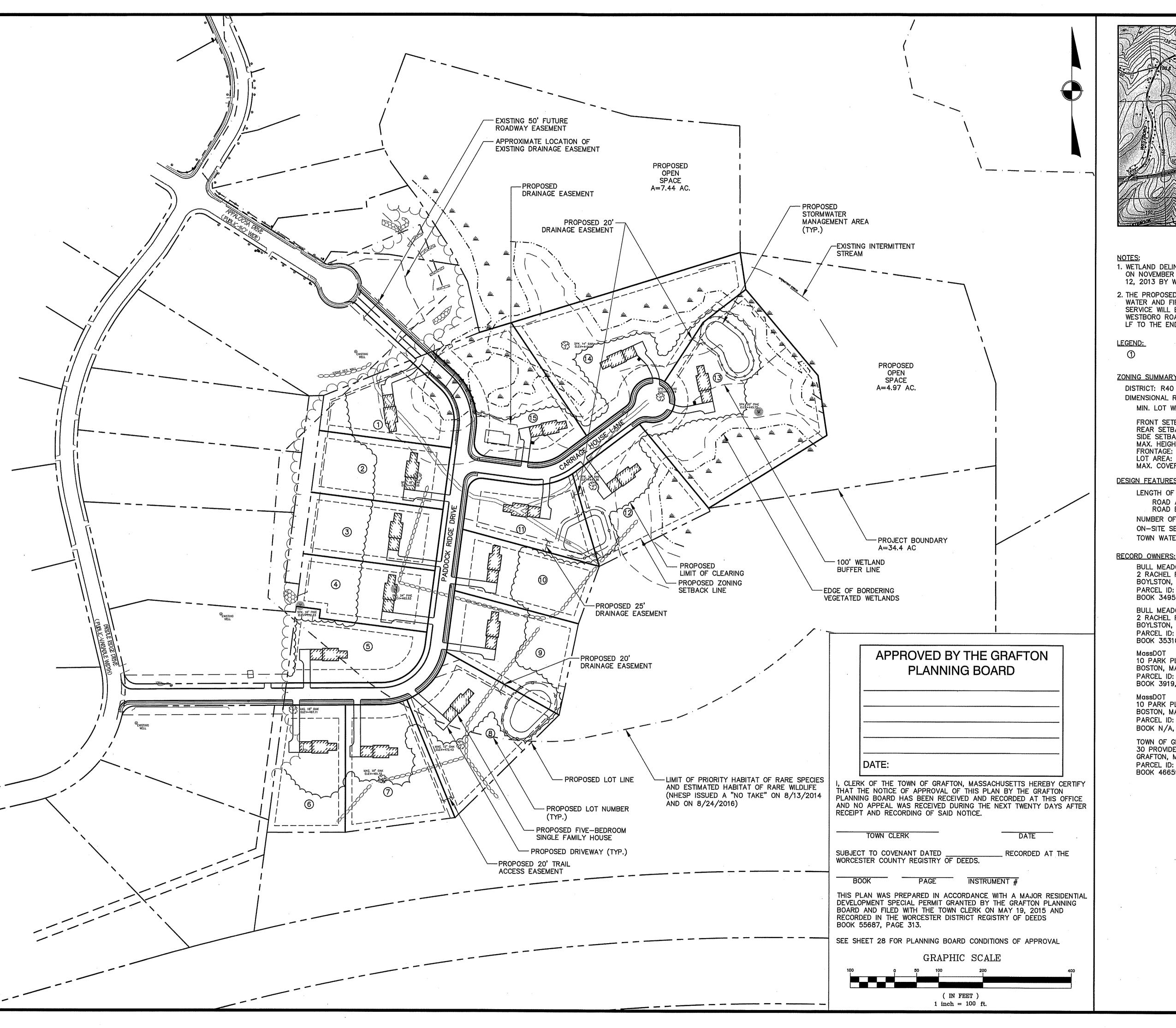
SHEET 3 OF 28

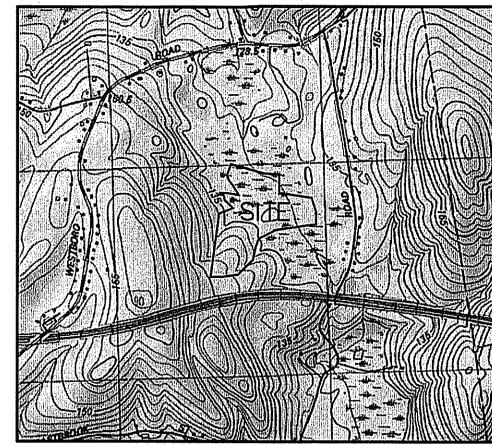
31-D-39











LOCUS PLAN 1"=1,500 FT.±

1. WETLAND DELINEATION SHOWN WAS COMPLETED BY ECOTEC, INC. ON NOVEMBER 13, 2013 AND WAS GPS LOCATED ON DECEMBER 12, 2013 BY WHITMAN & BINGHAM ASSOCIATES.

2. THE PROPOSED SUBDIVISION WILL BE SERVICED BY DOMESTIC WATER AND FIRE PROTECTION. A NEW DUCTILE IRON WATER SERVICE WILL BE EXTENDED FROM THE INTERSECTION OF OLD WESTBORO ROAD AND BRIDLE RIDGE DRIVE APPROXIMATELY 2,500 LF TO THE END OF THE CUL-DE-SAC ON APPALOOSA DRIVE.

PROPOSED LOT NUMBER

ZONING SUMMARY:

DIMENSIONAL REQUIREMENTS:

PROVIDED CONFORMANCE MIN. LOT WIDTH: 140 FT YES YES YES YES YES FRONT SETBACK: 30 FT 30 FT REAR SETBACK: SIDE SETBACK: 15 FT 15 FT MAX. HEIGHT: 35 FT FRONTAGE: 140 FT 140 FT LOT AREA: 40,000 SF 40,000 SF+ MAX. COVERAGE: 30%

DESIGN FEATURES:

LENGTH OF ROADWAY: 2,125 FT. ROAD A 1,660 FT. ROAD B 465 FT.

NUMBER OF LOTS: ON-SITE SEPTIC SYSTEMS:

RECORD OWNERS:

BULL MEADOW, LLC. 2 RACHEL ROAD BOYLSTON, MA 01505 PARCEL ID: 110/31.0-0000-0123.0 BOOK 34958, PAGE 35

BULL MEADOW, LLC. 2 RACHEL ROAD

BOYLSTON, MA 01505 PARCEL ID: 110/32.0-0000-0005.A

BOOK 35310, PAGE 74 MassDOT 10 PARK PLAZA

BOSTON, MA 02116 PARCEL ID: 110/31.0-0000-0100.0 BOOK 3919, PAGE 318

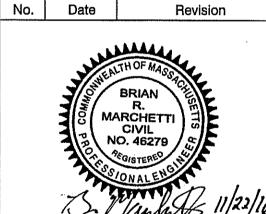
10 PARK PLAZA BOSTON, MA 02116 PARCEL ID: 110/32.0-0000-0100.0 BOOK N/A, PAGE N/A

TOWN OF GRAFTON 30 PROVIDENCE ROAD GRAFTON, MA 01519 PARCEL ID: 110/31.0-0000-0214.B BOOK 46659, PAGE 180

NOT FOR CONSTRUCTION THESE PLANS WERE PREPARED FOR THE PURPOSE OF OBTAINING STATE AND LOCAL PERMITS AND ARE NOT INTENDED TO BE USED AS CONSTRUCTION DOCUMENTS.

> PREPARED FOR: BULL MEADOW, LLC. 2 RACHEL ROAD BOYLSTON, MA 01505

2 11/22/2016 TOWN COMMENTS 1 10/11/2016 TOWN COMMENTS



Drawn By: Designed By: Checked By

McCarty Engineering, Inc. Civil Engineers 42 Jungle Road, Leominster, MA 01453 phone:(978) 534-1318 fax: (978) 840-6907 www.mccartydb.com

Project Name

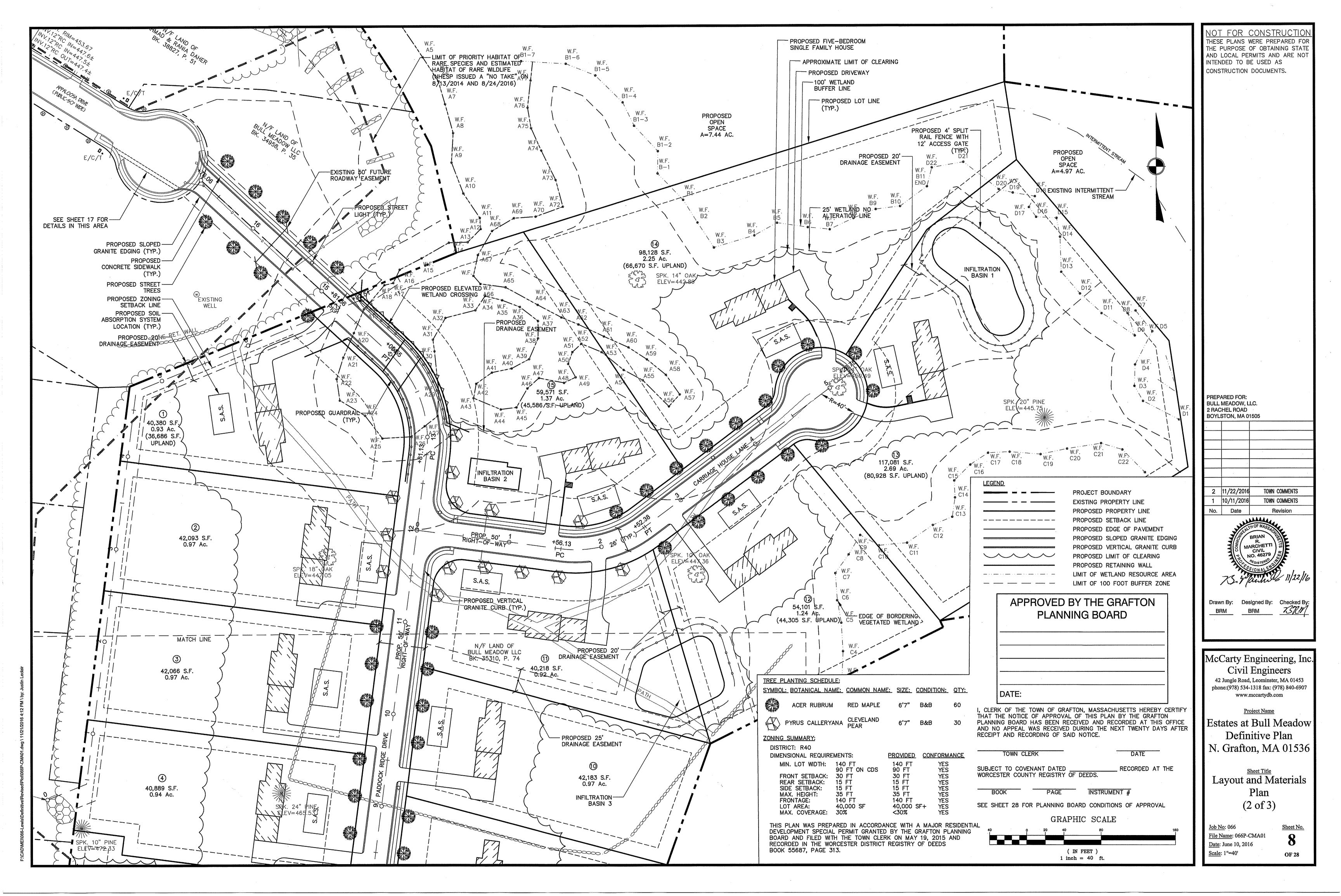
Estates at Bull Meadow Definitive Plan N. Grafton, MA 01536

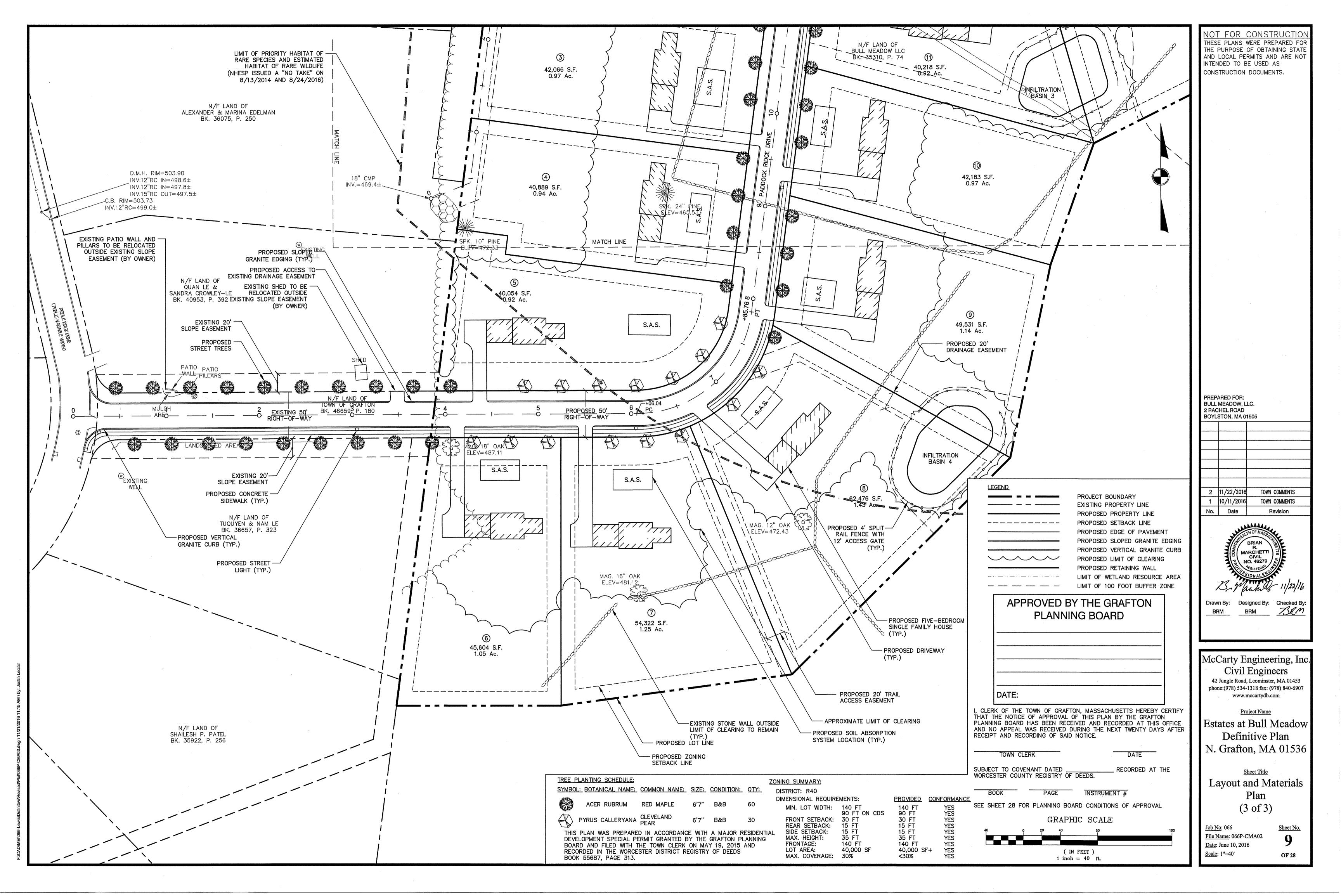
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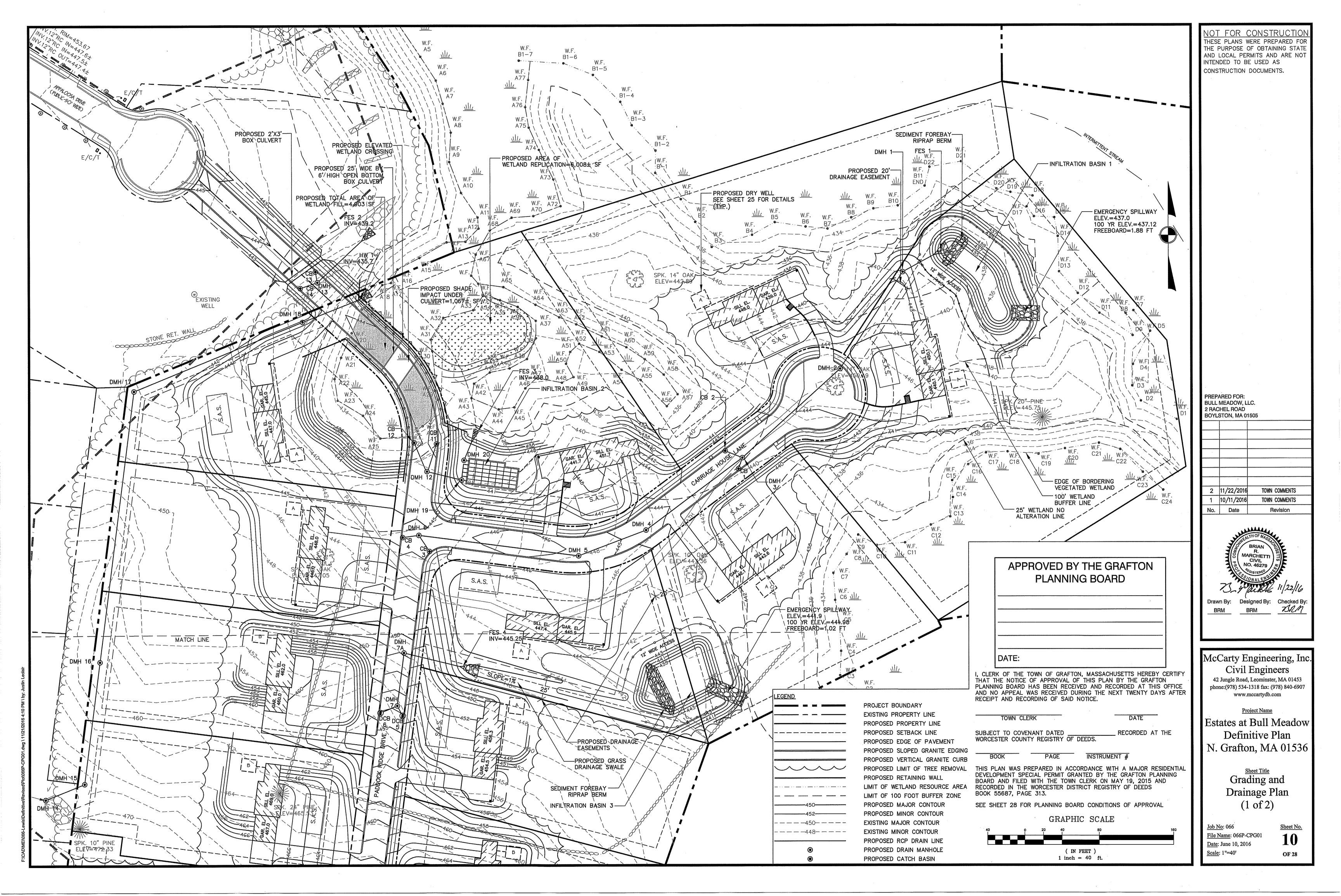
Overall Conventional Subdivision Plan (1 of 3)

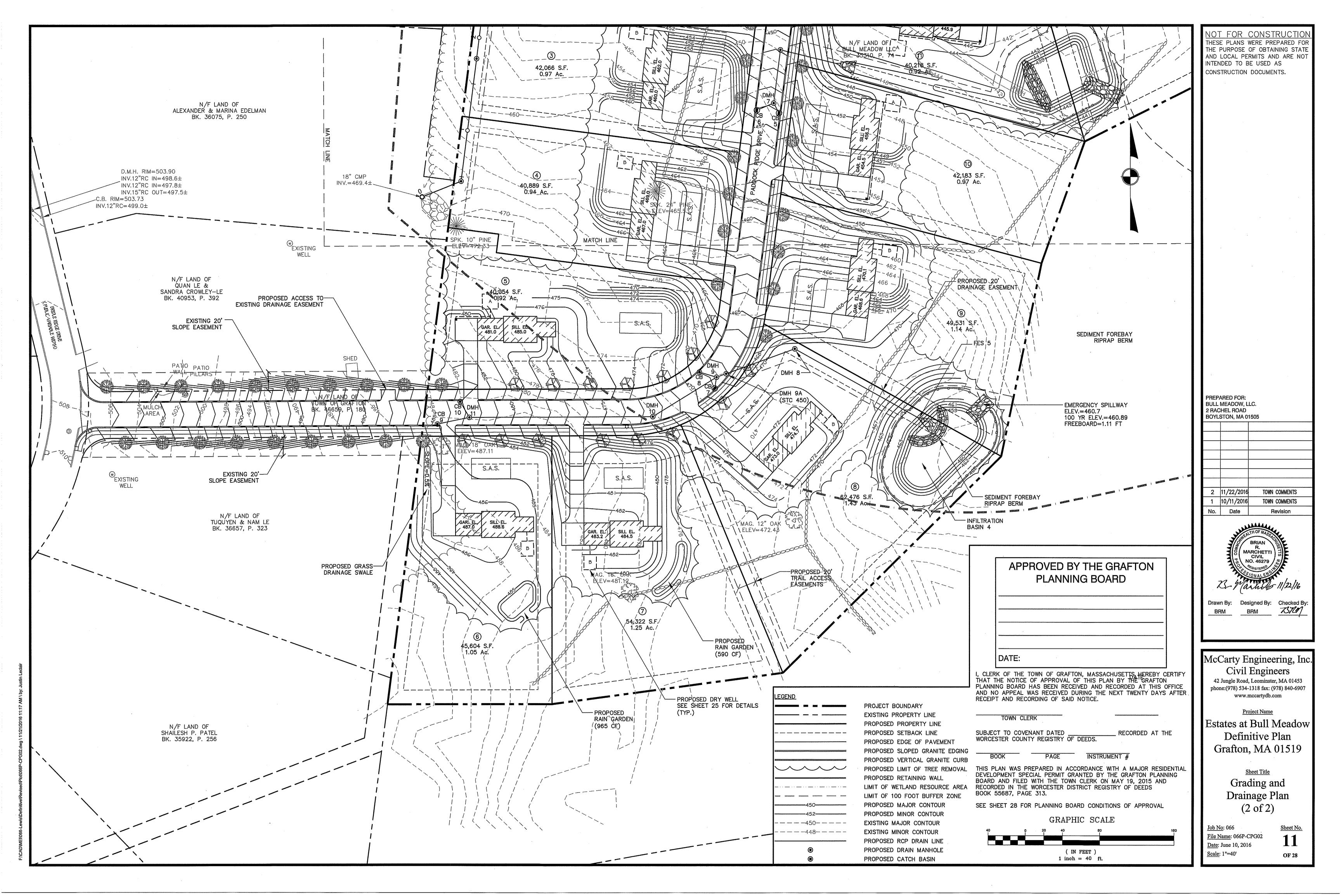
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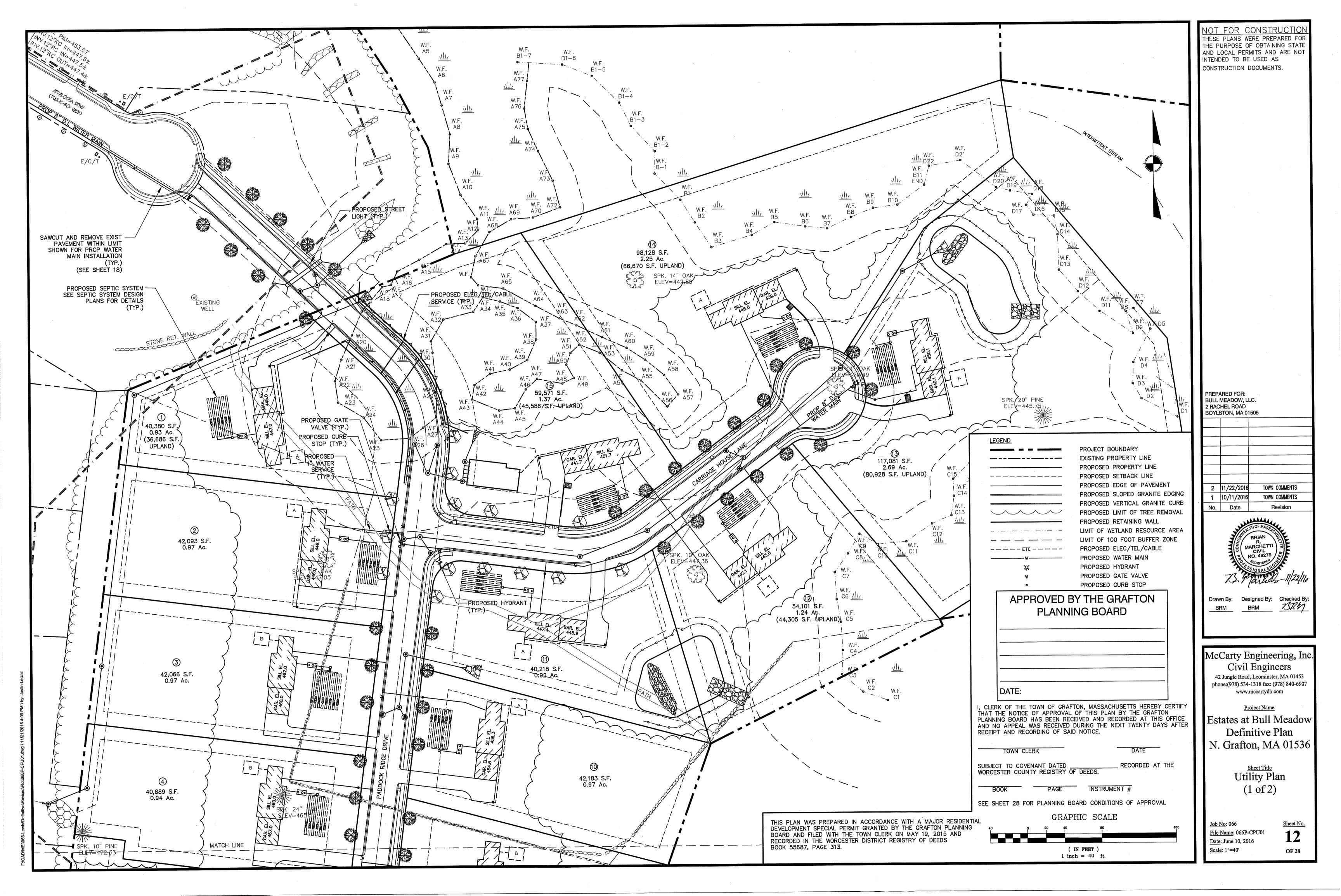
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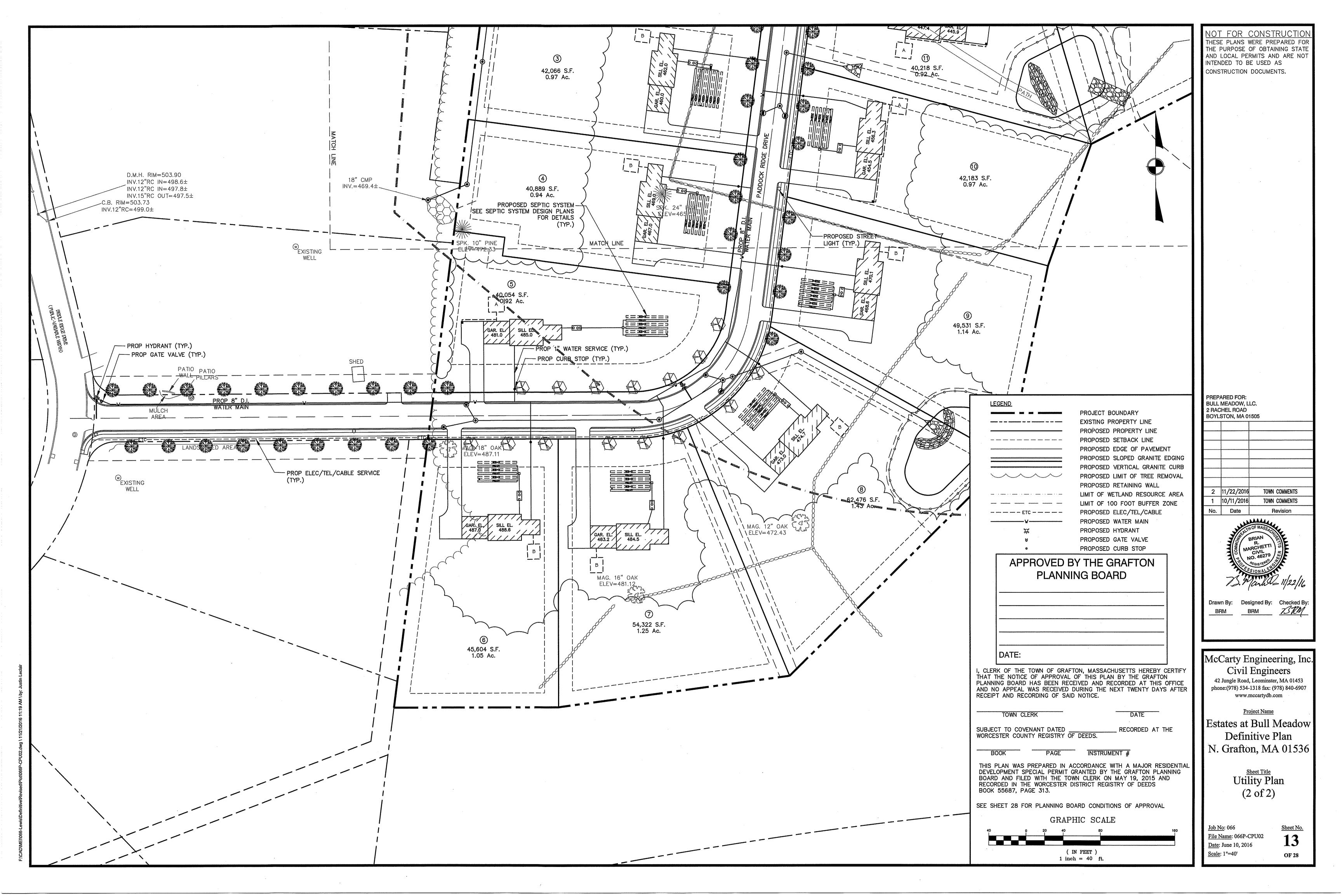


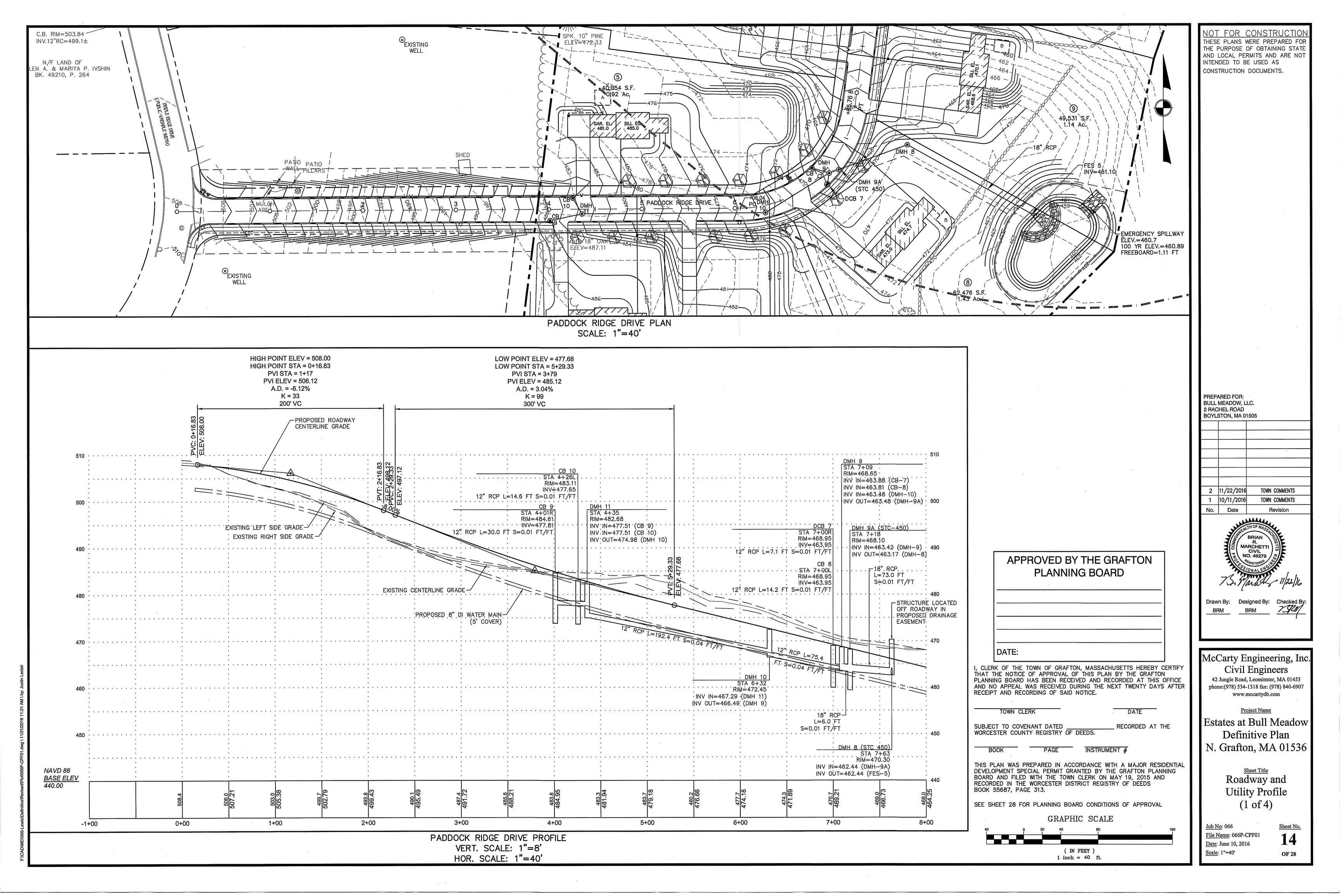


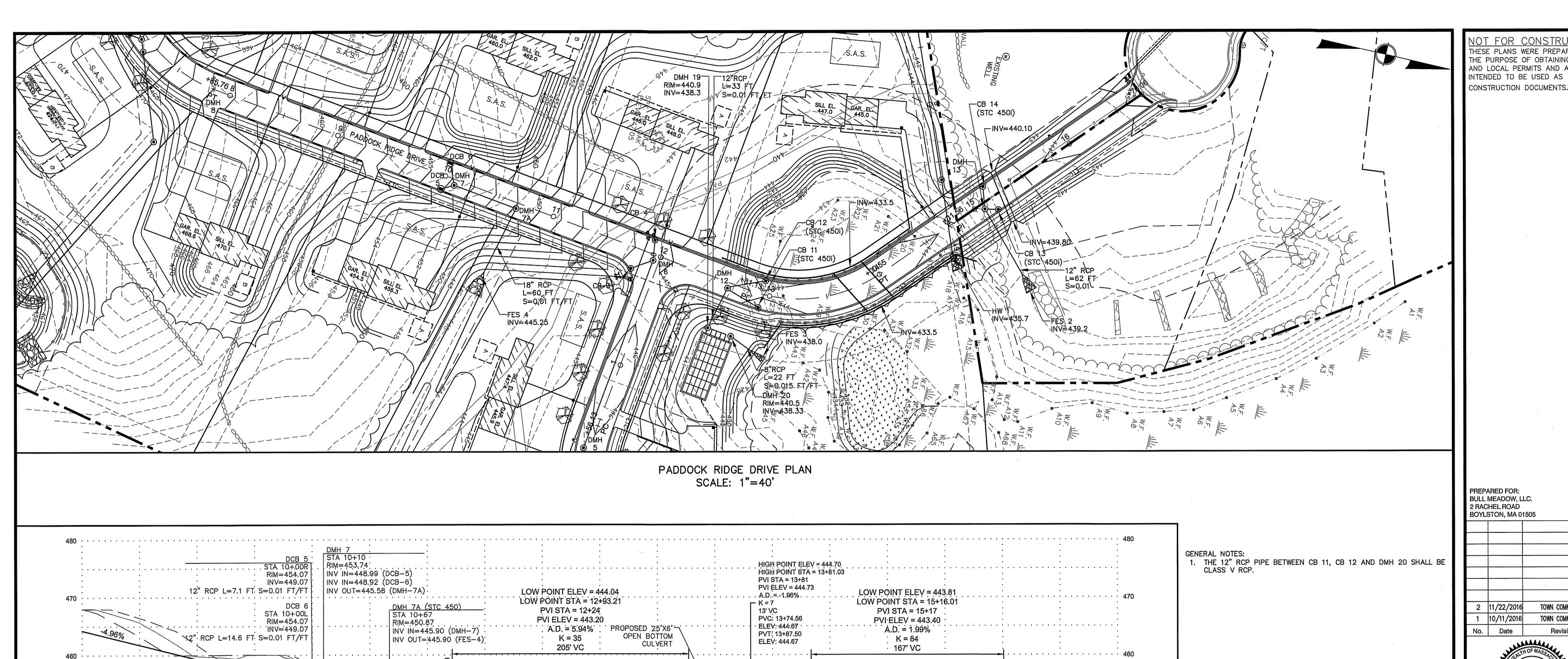












. :-0.98% .

14+00

- EXISTING LEFT SIDE GRADE

- EXISTING - CENTERLINE GRADE 发.

RIGHT SIDE

-2X3 BOX CULVERT

16+00

17+00

CB 14 (STC 450i) 420

STA 15+26

STA 15+17R

INV = 438.56

STA 15+1.7L

RIM = 443.56

STA 15+08

RIM=443.82.

15+00

INV IN=438.47 (CB-13)

INV IN=438.47 (CB-14)

INV OUT=438.47 (FES 2)

INV IN=440.10

12" RCP L=6.7 FT S=0.01 FT/FT

INV=438.56 12" RCP L=14.4 FT S=0.01 FT/FT

GRADE.



PADDOCK RIDGE DRIVE PROFILE VERT. SCALE: 1"=8' HOR. SCALE: 1"=40'

RIM = 444.15

INV IN=438.63 (CB-11) INV IN=438.63 (CB-12)

INV OUT=438.63 (DMH 20)

12+00

DMH 6 STA 0+05 RIM=445.40

RIM = 445.70

· INV=441.73

11+00

10+00

9+00

12" RCP L=15.8 FT S=0.01 FT/FT

12" RCP L=12.6 FT S=0.01 FT/FT

PROPOSED ROADWAY -CENTERLINE GRADE

NAVD 88

BASE ELEV 410.00

8+00

INV IN=441.60 (CB-3) INV IN=441.60 (CB-4)

INV OUT=440.60 (DMH-5)

CB 11 (STC 450i) STA 12+93 R

STA 12+93 L

RIM = 443.80

INV = 438.90

13+00

12" RCP L=26.4 FT S=0.01 FT/FT

12" RCP L=28.5 FT S=0.01 FT/FT

(IN FEET)

1 inch = 40 ft.

DEVELOPMENT SPECIAL PERMIT GRANTED BY THE GRAFTON PLANNING

BOARD AND FILED WITH THE TOWN CLERK ON MAY 19, 2015 AND RECORDED IN THE WORCESTER DISTRICT REGISTRY OF DEEDS BOOK 55687, PAGE 313.

SEE SHEET 28 FOR PLANNING BOARD CONDITIONS OF APPROVAL

McCarty Engineering, Inc. Civil Engineers 42 Jungle Road, Leominster, MA 01453

phone:(978) 534-1318 fax: (978) 840-6907 www.mccartydb.com

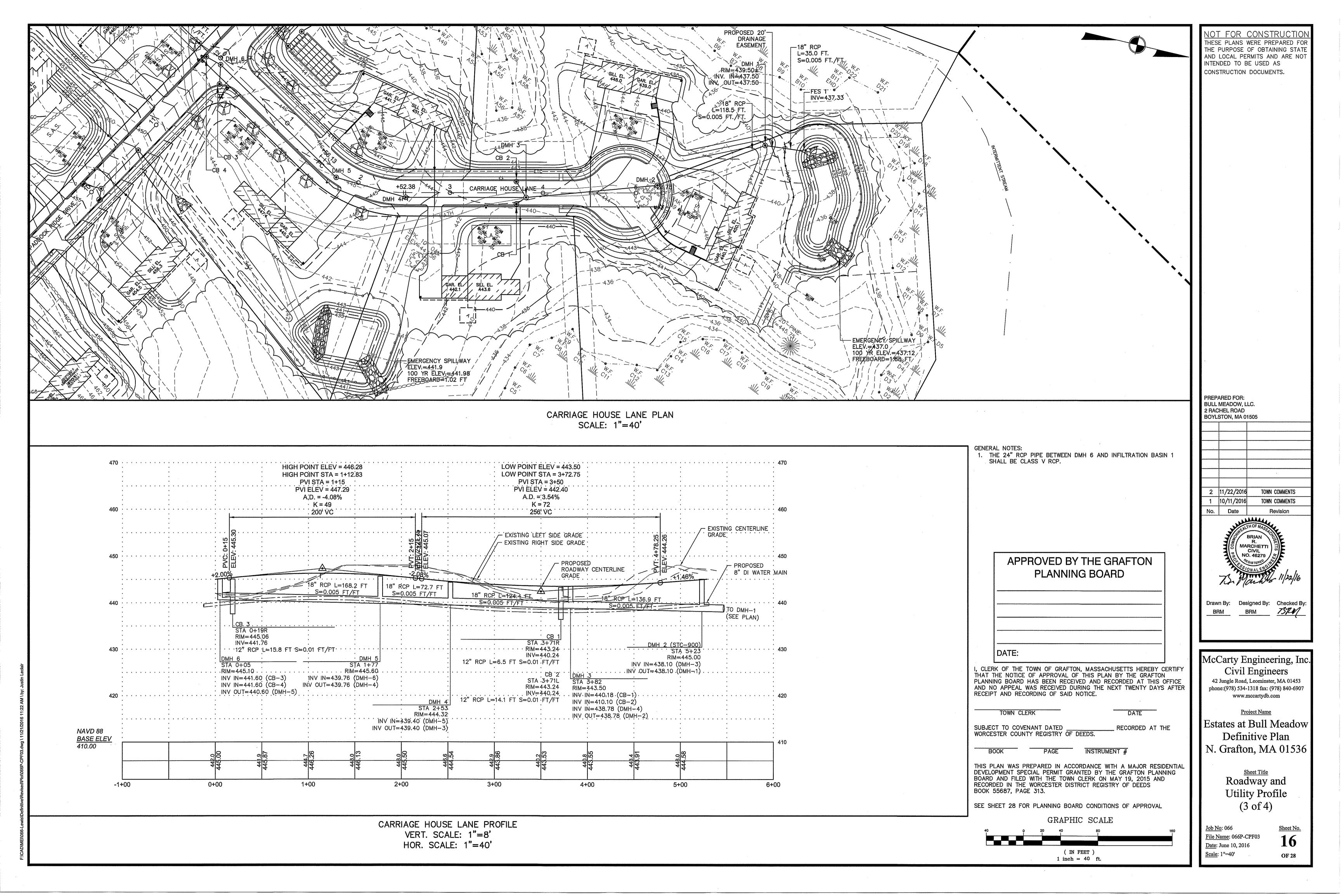
TOWN COMMENTS

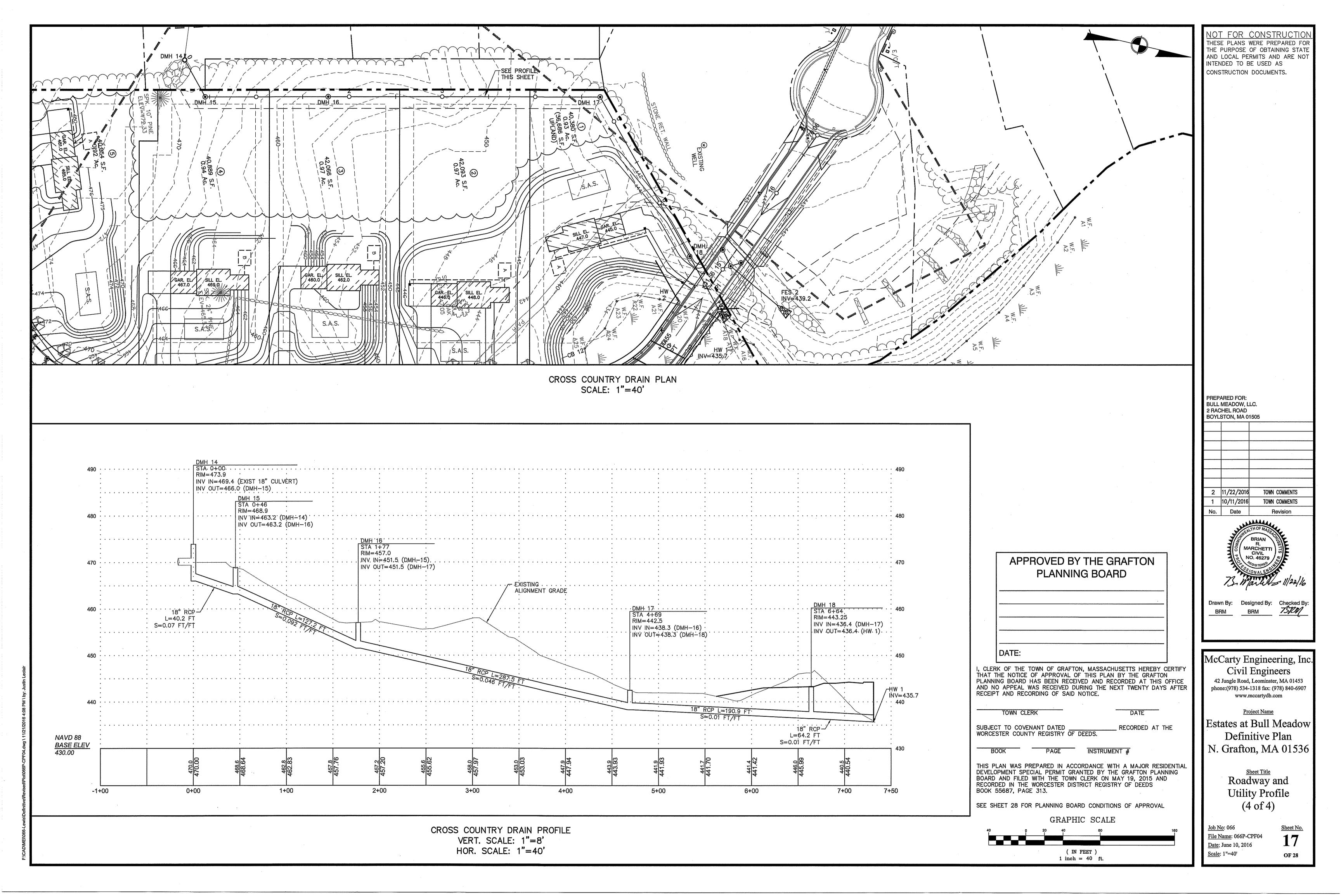
TOWN COMMENTS

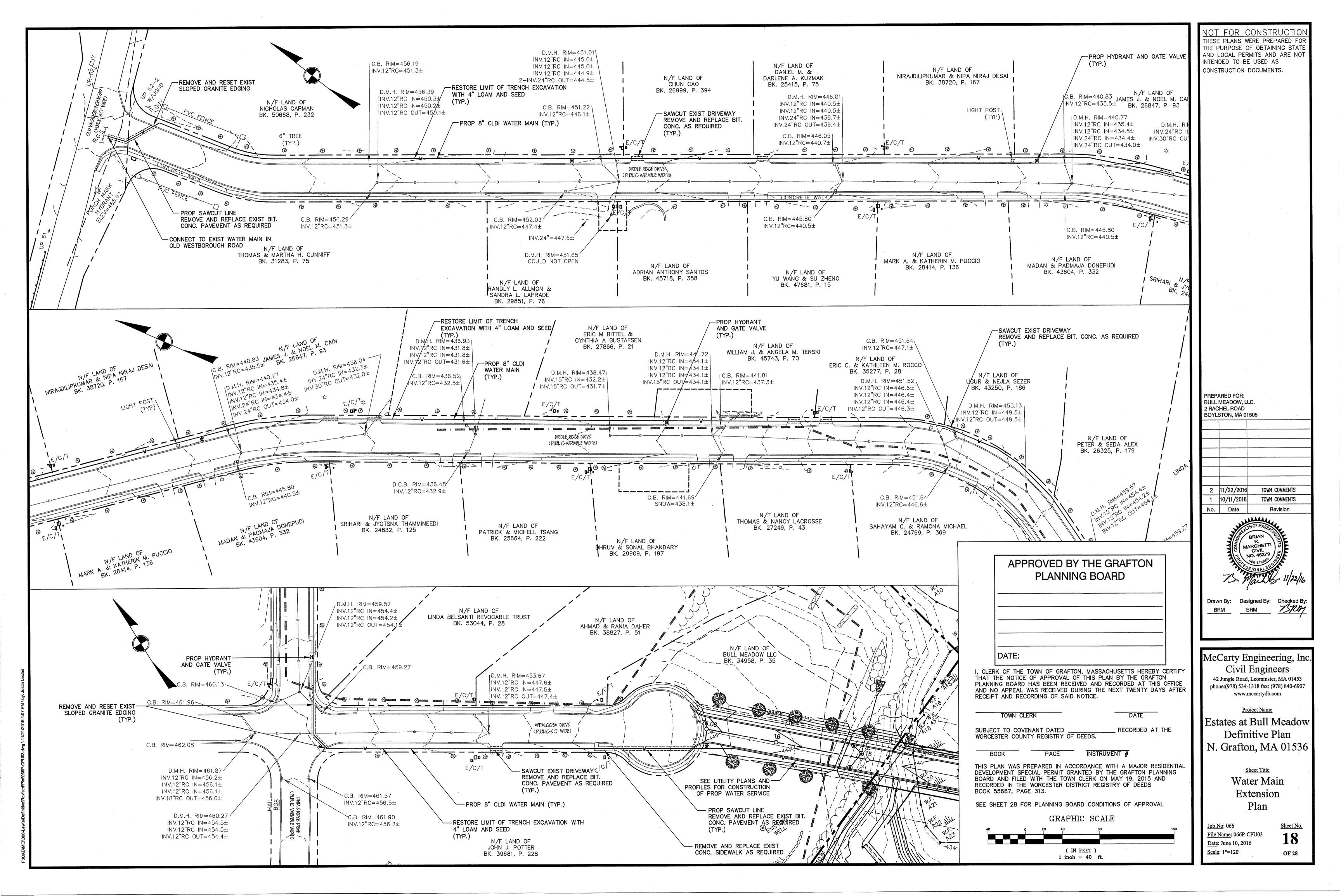
Project Name Estates at Bull Meadow Definitive Plan N. Grafton, MA 01536

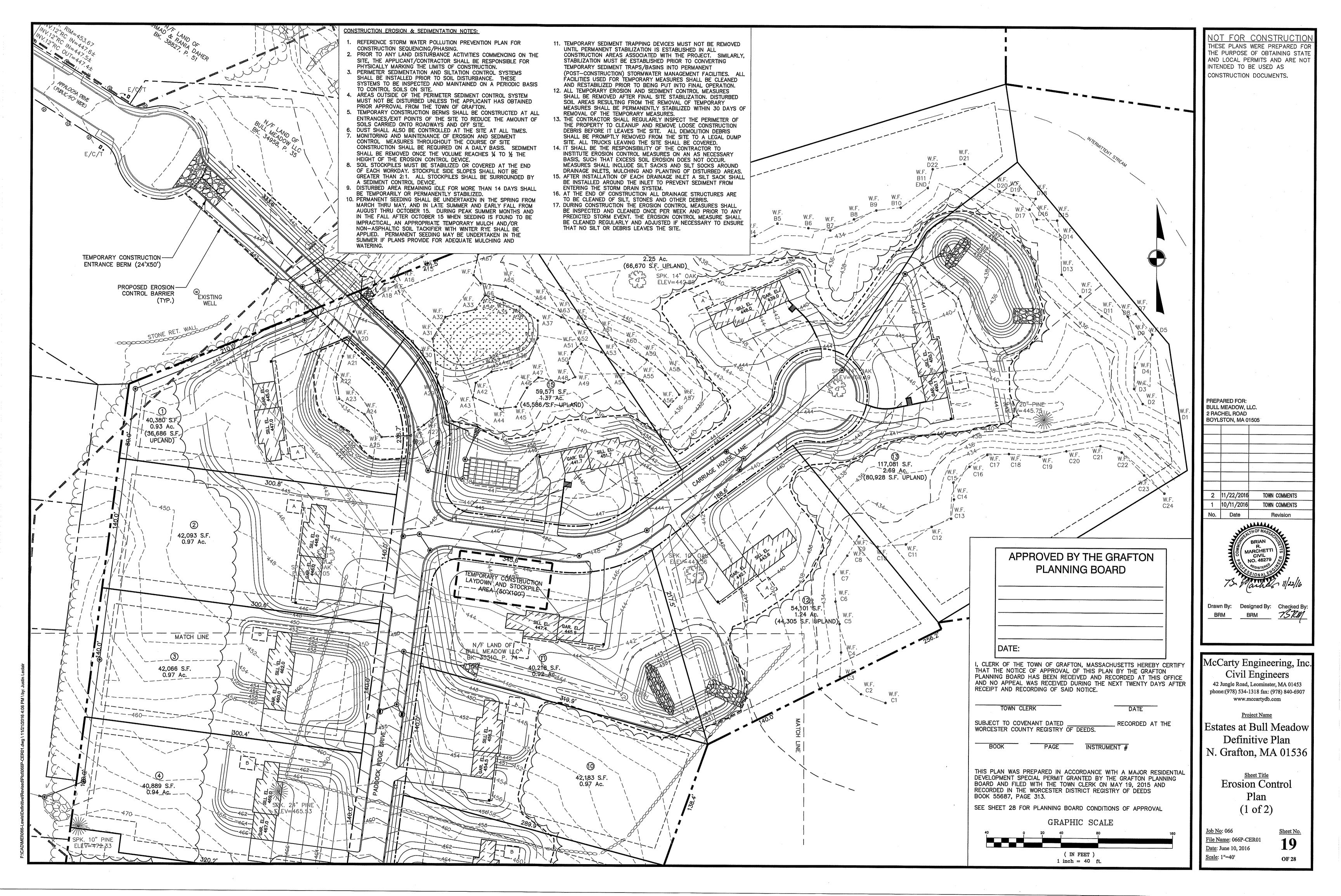
> Roadway and **Utility Profile** (2 of 4)

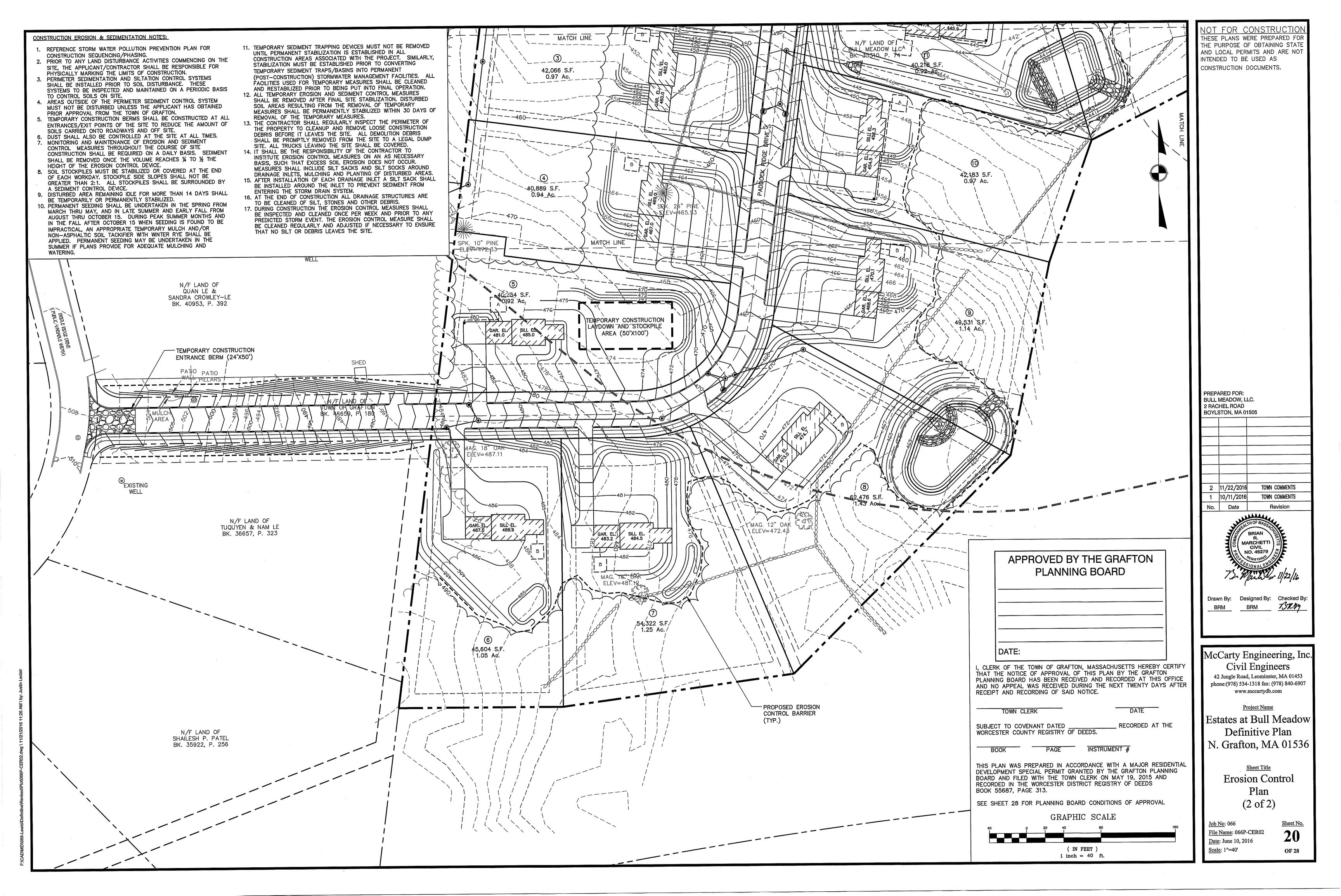
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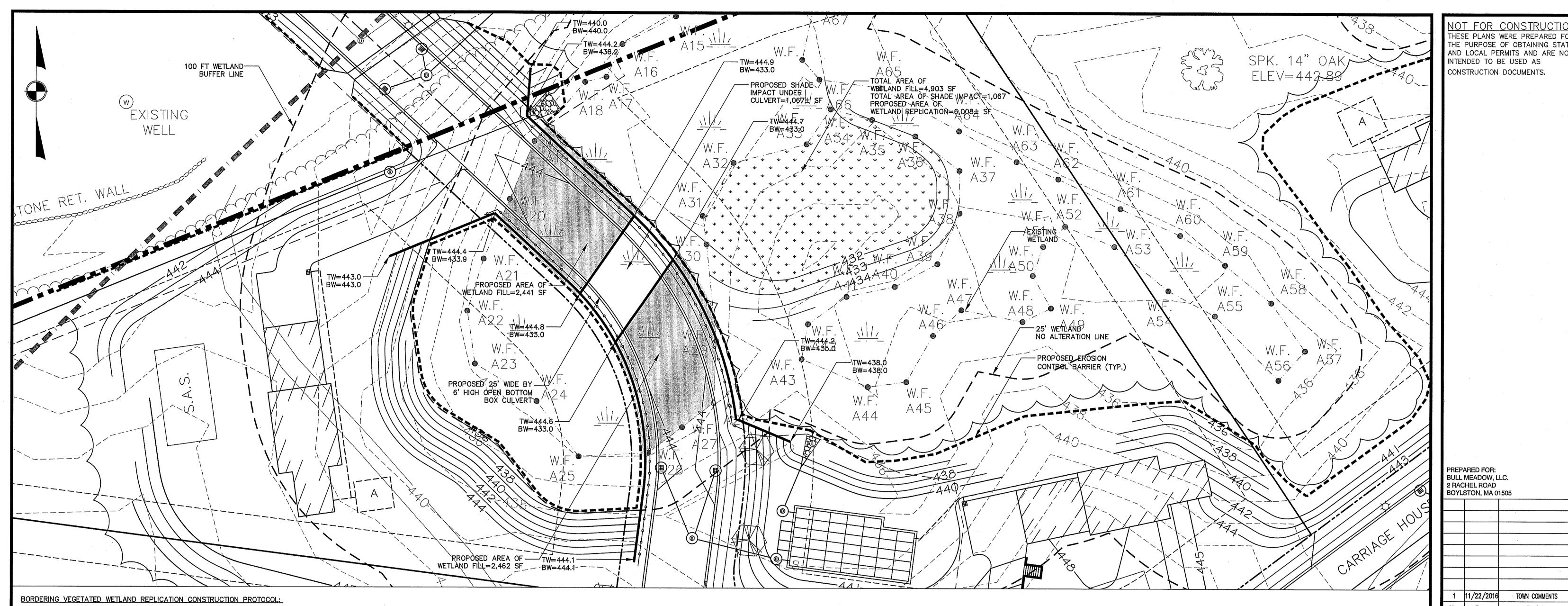












- THE FOLLOWING PROTOCOL CONFORMS TO THE GENERAL STANDARDS IN THE MA WETLANDS PROTECTION ACT REGULATIONS AT 310 CMR 10.55(4)(b)
- 2. THE WETLAND BOUNDARIES (I.E., DOWNGRADIENT EDGES OF THE WETLAND REPLICATION AREA) WILL BE MARKED IN THE FILED.
- 3. PRIOR TO THE START OF EARTH-MOVING ACTIVITIES IN THE REPLICATION AREA, AN EROSION CONTROL BARRIER OF PROPERLY INSTALLED SILTATION FENCE (I.E, THE BOTTOM FEW INCHES OF THE SILTATION FENCE INSTALLED IN A NARROW, TRENCH AND THE TRENCH FILLED WITH SOIL AROUND THE SILTATION FENCE) WILL BE INSTALLED ALONG THE WETLAND BOUNDARIES BETWEEN THE WETLAND AND THE WETLAND REPLICATION AREA. THE WETLAND REPLICATION AREA WILL THEN BE CLAEARED AND GRUBBED, WITH THE EXCEPTION OF THE TREES THAT HAVE BEEN MARKED TO BE SAVED.
- 4. THE PROPOSED FINAL GRADE OF THE REPLICATION AREA SHOULD APPROXIMATE THE ELEVATION OF THE ADJACENT WETLAND AREAS (432±), AS NOTED ON THE SITE PLANS. THE REPLICATION AREA WILL BE EXCAVATED TO A DEPTH OF 12 INCHES BELOW THE PROPOSED FINAL GRADE. THE EXCAVATION AND PLANTING WORK WILL BE CLOSELY SUPERVISED BY A QUALIFIED WETLAND SCIENTIST. MINOR MODIFICATIONS TO THE PROPOSED GRADING MAY BE MADE IN THE FILE BY THE WETLAND SCIENTIST IN RESPONSE TO OBSERVED SUBSURFACE HYDROLOGIC CONDITIONS. ALL EXCAVATED MATERIAL WILL BE DISPOSED OF AWAY FROM ALL WETLAND RESOURCE AREAS.
- 5. EXISTING TOPSOIL WITHIN THE IMPACT AREA WILL BE EXCAVATED, STOCKPILED AND KEPT MOIST BY WATERING AND/OR COVERING OR IMMEDIATELY TRANSPORTED TO THE REPLICATION AREA.
- RELOCATED WETLAND TOPSOIL WILL BE SUPPLEMENTED WITH A 1:1 MIXTURE OF HIGH QUALITY, LOAMY TOPSOIL AND LEAF MOLD COMPOST, AS NECESSARY, TO APPROXIMATE 12 INCHES IN THICKNESS THROUGHOUT THE REPLICATION AREA. THE TOPSOIL SHALL HAVE A MINIMUM OF 9% ORGANIC MATTER. THE SUBSTRATE WILL BE ROUGHLY GRADED TO PROVIDE AN APPROPRIATE MICROTOPOGRAPHY. A MINIMUM OF 4 INCHES OF LOAMY TOPSOIL WILL BE APPLIED TO THE SIDE-SLOPES OF THE WETLAND REPLICATION AREA. THE SIDE SLOPES SHOULD BE STABILIZED AS NECESSARY TO PREVENT EROSION.
- AN EROSION CONTROL BARRIER COMPRISING ONLY TOED-IN SILTATION FENCE WILL BE PROPERLY INSTALLED BETWEEN THE COMPLETED REPLICATION AREA AND THE ADJACENT UPLAND SIDE SLOPES.

- 8. PLANTING WILL BE DONE ONLY DURING THE BEGINNING (APRIL 15 THROUGH JUNE) OR END (SEPTEMBER 1 TO NOVEMBER 15) OF THE GROWING SEASON. PLANTING IN THE MID-GROWING SEASON IS ONLY ACCEPTABLE IF IRRIGATION IS PROVIDED. THE PLANTINGS AND SEED MIXTURE IDENTIFIED IN THE FOLLOWING TABLE WILL BE PLANTED IN THE REPLICATION AREA UNLESS THE HERBACEOUS LAYER CAN BE TRANSPLANTED INTO THE REPLICATION AREA.
- 9. THE REPLICATION AREA WILL BE MULCHED WITH 1 TO 2 INCHES OF LEAF COMPOST OR WEED FREE STRAW TO PROVIDE FOR TEMPORARY EROSION CONTROL AND MOISTURE RETENTION.
- 10. THE SIDE-SLOPES OF THE WETLAND REPLICATION AREA WILL BE SEEDED WITH A GRASS/WILDFLOWER OR CONSERVATION MIXTURE DESIGNED TO PROVIDE PERMANENT COVER. AFTER SEEDING, THE SIDE-SLOPES WILL BE MULCHED WITH A THIN LAYER OF STRAW TO PROVIDE FOR TEMPORARY EROSION CONTROL.
- 11. THE REPLICATION AREAS WILL BE INSPECTED, BY A QUALIFIED WETLAND SCIENTIST, AT THE END OF EACH GROWING SEASON FOR A MINIMUM OF THREE YEARS OR UNTIL SUCH TIME AS THE REQUIRED 75% OF VEGETATIVE COVER WITH WETLAND SPECIES HAS BEEN ESTABLISHED. WRITTEN RESULTS OF THESE INSPECTIONS WILL BE SUBMITTED TO THE CONSERVATION COMMISSION. INVASIVE SPECIES WITHIN THE REPLICATION AREA OR WITHIN 25-FEET OF THE REPLICATION AREA SHALL BE HAND PULLED OR CUT.
- 12. AFTER THE WETLAND REPLICATION AREA HAS BECOME VEGETATIVELY STABILIZED AND FOLLOWING APPROVAL OF THE ISSUING AUTHORITY. THE SILTATION FENCE AND ALL WOODEN STAKES WILL BE REMOVED AND DISPOSED OF PROPERLY.

PLANTING PLAN FOR WETLAND REPLICATION AREA:

SPECIES: SIZE: SPACING:	NUMBER:
SAPLINGS; 6 TO 8' HEIGHT, CONTAINER OR BALLED, BURLAPPED; 15' ON—CENTER AVERAGE	
RED MAPLE (ACER RUBRUM)	26
SHRUBS; 2.5 TO 3' IN HEIGHT, CONTAINER, 6' ON-CENTER AVERAGE SPACING	167 TOTAL*
HIGHBUSH BLUEBERRY (VACCINIUM CORYMBOSUM)	
NANNYBERRY (VIBURNAM LENTAGO)	,
WINTERBEERRY (ILEX VERTICILLATA)	
SILKY DOGWOOD (CORNUS AMOMUM)	
HERBACEOUS (PLUGS, SEED OF PLUGS NOT AVAILABLE)	
TUSSOCK SEDGE (CAREX STRICTA)	38
JOE-PYE-WEED (EUPATORIUM MACULATUM/PURPUREUM)	38
BONESET (EUPATORIUM PERFOLIATUM)	38
LURID SEDGE (CAREX LURIDA)	38
SOFT RUSH (JUNCUS EFFUSES)	38
SENSITIVE FERN (ONOCLEA SENSIBILIS)	. 10
NEW ENGLAND WETLAND PLANTS, NEW ENGLAND WETMIX (OR EQUIVALENT)	2.0 lbs.

* DEPENDING UP AVAILABILITY FROM LOCAL NURSERY STOCK, THESE SPECIES MAY BE SUBSTITUTED WITH SIMILAR NATIVE SPECIES

WETLAND CROSSING SEQUENCE OF WORK:

- INSTALL EROSION CONTROL BARRIER (ECB) AT LOCATION SHOWN ON PLAN.
- INSTALL ADDITIONAL ECB PROTECTION THROUGH SECTION OF WETLAND AT PROPOSED CULVERT.
- CLEAR TREES IN WORK AREA WITHOUT CROSSING EQUIPMENT OVER THE SECTION OF WETLAND TO REMAIN.
- ALL WORK IS TO BE ACCESSED FROM EITHER
- SIDE OF THE PROPOSED CROSSING, ONLY FOOT TRAFFIC IS PERMITTED IN RESOURCE AREA.
- REMOVE & DISPOSE STUMPS.
- STRIP & STOCKPILE WETLAND SOILS TO BE USED IN REPLICATION AREA, IF WITHIN 100FT WETLAND BUFFER STOCKPILE SHOULD BE SURROUNDED IN HAYBALES & COVERED IN 4 MIL POLY.
- FORM & POUR CONCRETE FOOTING FOR OPEN
- BOTTOM CULVERT. INSTALL CULVERT & ANCHOR TO FOOTING.
- PREPARE CRUSHED STONE BASE FOR PRECAST CONCRETE BLOCK RETAINING WALLS.
- IF DEWATERING IS REQUIRED: USE ELECTRIC SUBMERSIBLE PUMP.
- USE SUFFICIENT HOSE LENGTHS TO PUMP TO TEMP DRAINAGE SWALE.
- CONSTRUCT 10X10X1' APRON OF 6-12" RIP RAP AT DISCHARGE POINT. PERIODICALLY INSPECT DISCHARGE POINT &
- INSTALL PRECAST CONCRETE BLOCK WALLS. IMPORT, PLACE, & COMPACT STRUCTURAL FILL

SWALE FOR BUILDUP OF SEDIMENT.

- BETWEEN WALLS. CONTINUE WITH WALL CONSTRUCTION & FILL
- PLACEMENT TO SUBGRADE. INSTALL TEMPORARY FENCE AT TOP OF WALL.
- INSTALL UTILITIES IN CROSSING AREA.
- INSTALL GRAVEL FOR ROADWAY BASE.
- INSTALL BINDER COURSE OF PAVEMENT.
- INSTALL GRANITE CURBING. CONSTRUCT CONCRETE SIDEWALK.
- INSTALL GUARDRAIL & FENCING.
- LOAM & HYDROSEED SHOULDERS.
- PROCEED WITH CONSTRUCTION OF WETLAND REPLICATION AREA.

APPROVED BY THE GRAFTON PLANNING BOARD

DATE:		

I. CLERK OF THE TOWN OF GRAFTON, MASSACHUSETTS HEREBY CERTIFY THAT THE NOTICE OF APPROVAL OF THIS PLAN BY THE GRAFTON PLANNING BOARD HAS BEEN RECEIVED AND RECORDED AT THIS OFFICE AND NO APPEAL WAS RECEIVED DURING THE NEXT TWENTY DAYS AFTER RECEIPT AND RECORDING OF SAID NOTICE.

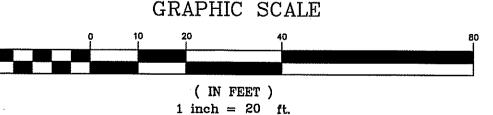
TOWN CLERK SUBJECT TO COVENANT DATED RECORDED AT THE

INSTRUMENT #

WORCESTER COUNTY REGISTRY OF DEEDS.

THIS PLAN WAS PREPARED IN ACCORDANCE WITH A MAJOR RESIDENTIAL DEVELOPMENT SPECIAL PERMIT GRANTED BY THE GRAFTON PLANNING BOARD AND FILED WITH THE TOWN CLERK ON MAY 19, 2015 AND RECORDED IN THE WORCESTER DISTRICT REGISTRY OF DEEDS BOOK 55687, PAGE 313.

SEE SHEET 28 FOR PLANNING BOARD CONDITIONS OF APPROVAL



Drawn By: Designed By: Checked By BUM McCarty Engineering, Inc. Civil Engineers

11/22/2016

Date

BRIAN

MARCHETTI

CIVIL NO. 46279

TOWN COMMENTS

Revision

www.mccartydb.com Project Name Estates at Bull Meadow

42 Jungle Road, Leominster, MA 01453

phone:(978) 534-1318 fax: (978) 840-6907

NOT FOR CONSTRUCT

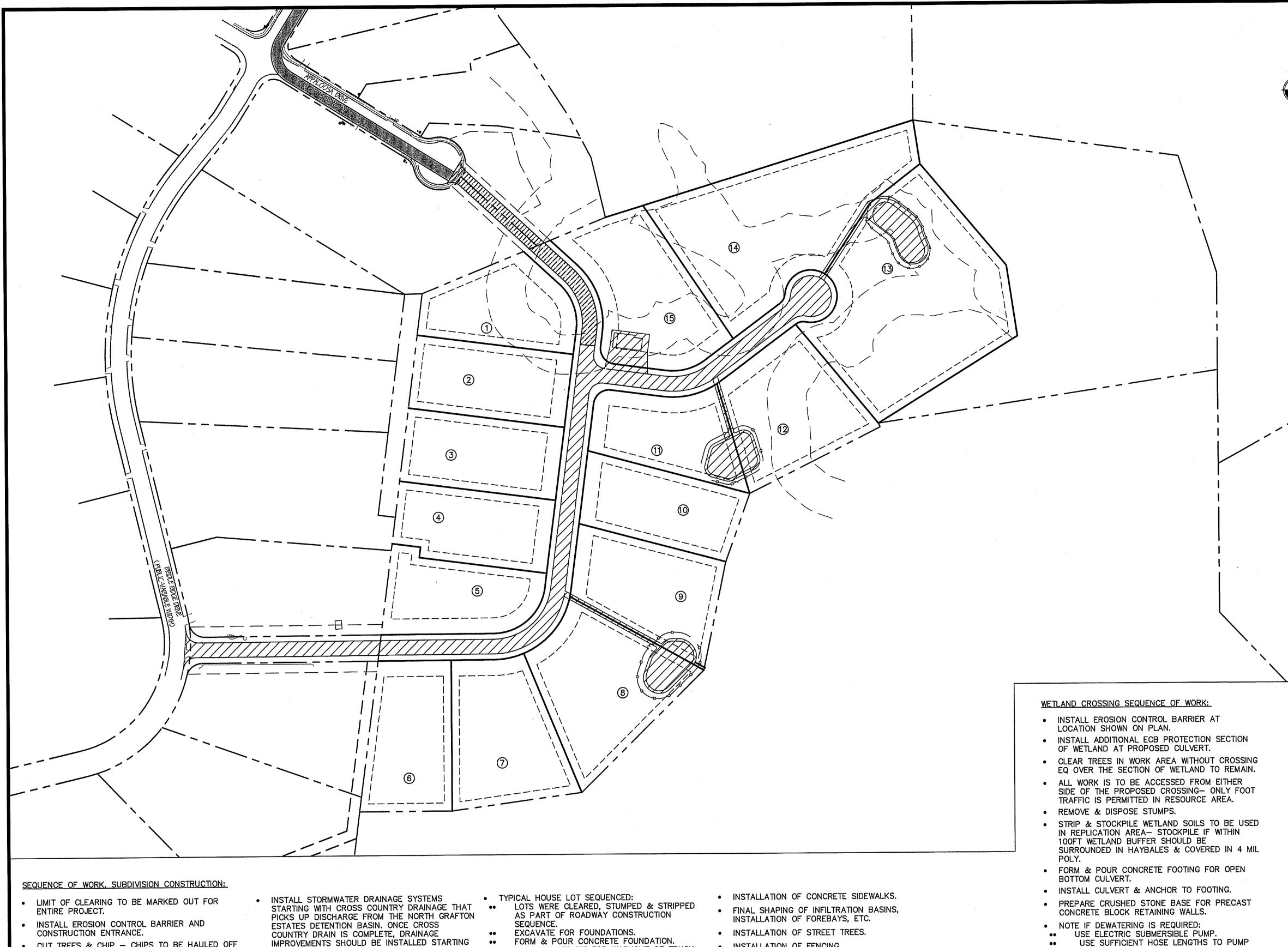
Definitive Plan N. Grafton, MA 01536

Wetland Crossing Replication Area Plan

<u>Job No</u>: 066 File Name: 066P-WRA01 <u>Date</u>: October 11, 2016

Scale: 1"=20'

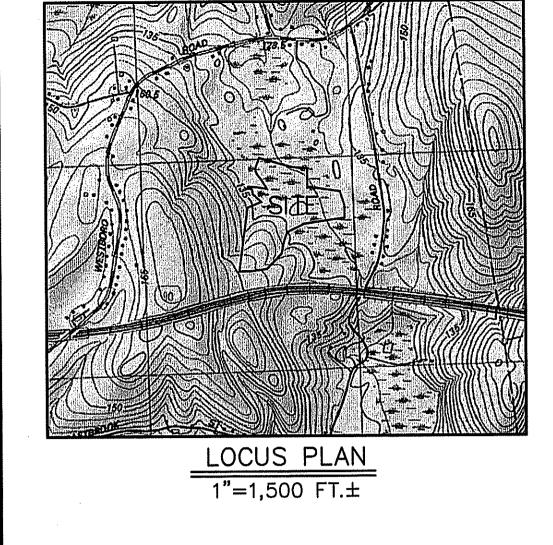
Sheet No. OF 28



- CUT TREES & CHIP CHIPS TO BE HAULED OFF
- REMOVE & DISPOSE STUMPS. STUMPS CAN BE GROUND ON-SITE AND GRINDING TO BE HAULED OFF SITE. WHOLE STUMPS CAN BE HAULED OFFSITE TO A DISPOSAL FACILITY.
- STRIP AND STOCKPILE TOP & SUBSOIL. MAINTAIN A STOCKPILE ON SITE, OUTSIDE OF THE 100 FT BUFFER ZONE, SUFFICIENT TO LOAM LOTS AND DISTURBED AREAS AT THE COMPLETION OF CONSTRUCTION. EXCESS LOAM CAN BE HAULED OFF SITE.
- COMPLETE ROUGH GRADING OF THE SITE TO ESTABLISH SUBGRADE. INFILTRATION BASINS 1,2,3,4 SHALL BE ESTABLISHED TO WITHIN 1FT OF FINISH GRADE, CONSTRUCT TEMPORARY SWALES AS NEEDED TO DIRECT RUNOFF TO THE INFILTRATION BASINS. BASINS SHOULD BE MONITORED THROUGHOUT THE CONSTRUCTION PROCESS TO ENSURE THAT THEY DO NOT BECOME SILTED UP.
- IMPROVEMENTS SHOULD BE INSTALLED STARTING AT THE INFILTRATION BASINS AND WORKING UPSTREAM. AS EACH CATCHBASIN IS INSTALLED, IT SHOULD BE EQUIPPED WITH A CATCHBASIN INLET FILTER. FILTERS SHOULD BE INSPECTED REGULARLY & CLEANED AS NEEDED.
- INSTALLATION OF WETLANDS CROSSING: SEE SEPARATE SCOPE OF WORK ON WETLAND CROSSING AND REPLICATION AREA PLAN.
- INSTALLATION OF WATER MAINS & SERVICE
- INSTALLATION OF ELECTRIC CONDUIT.
- INSTALLATION OF ROADWAY GRAVEL.
- INSTALLATION OF BINDER COURSE OF PAVEMENT
- INSTALLATION OF CURBING.
- ONCE BINDER COURSE OF PAVEMENT & CURBS ARE INSTALLED, WORK CAN PROCEED ON THE INDIVIDUAL HOUSE LOTS.
- EXCAVATE PIT FOR WASHOUT OF TRUCK TOOLS & EQUIPMENT. BACKFILL FOUNDATION.
- SUB-GRADING OF LOT. •• HOUSE CONSTRUCTION: FRAME, ROOF, SIDE, INTERIOR CONSTRUCTION ETC.
- INSTALLATION OF SEPTIC SYSTEM. INSTALLATION OF WATER SERVICE.
- •• INSTALLATION OF UNDERGROUND ELECTRIC SERVICE. INSTALLATION OF GAS SERVICE.
- FINAL GRADING OF LOT. INSTALLATION OF GRAVEL FOR DRIVEWAY.
- •• INSTALLATION OF HARDSCAPES (WALKWAYS, PATIOS, ETC.). • PAVE BINDER COURSE OF DRIVEWAY.
- LOAM & LANDSCAPE INSTALLATION. INSTALLATION OF TOP COAT OF DRIVEWAY.

HYDROSEED.

- INSTALLATION OF FENCING.
- INSTALLATION OF SCREENED LOAM ON ALL
- CLEAR ALL CATCHBASIN SUMPS & FILTERS. • CLEAN & INSPECT ALL ROADWAY SURFACES.
- SAWCUT CONTROL JOINTS WHERE NEW ROADS
- MEET EXISTING ROADS.
- PREPARE AS—BUILT PLANS.
- REMAINING DISTURBED AREAS.
- •• CUT & PATCH ANY DAMAGED SECTIONS OF
- INSTALLATION OF TOP COURSE OF PAVEMENT & SIGNAGE.



LEGEND:

PROPOSED LOT NUMBER

PHASE 2 ROADWAY/DRAINAGE/UTILITY CONSTRUCTION

PHASE 1 WATERLINE EXTENSION TO OLD WESTBOROUGH RD.

PHASE 3 WETLAND CROSSING

APPROVED BY THE GRAFTON PLANNING BOARD DATE:

CLERK OF THE TOWN OF GRAFTON, MASSACHUSETTS HEREBY CERTIFY THAT THE NOTICE OF APPROVAL OF THIS PLAN BY THE GRAFTON PLANNING BOARD HAS BEEN RECEIVED AND RECORDED AT THIS OFFICE AND NO APPEAL WAS RECEIVED DURING THE NEXT TWENTY DAYS AFTER RECEIPT AND RECORDING OF SAID NOTICE.

TOWN CLERK

TO TEMP DRAINAGE SWALE.

RAP AT DISCHARGE POINT.

BETWEEN WALLS.

PAVEMENT TO SUBGRADE.

INSTALL GRANITE CURBING.

REPLICATION AREA.

• INSTALL UTILITIES IN CROSSING AREA.

INSTALL GRAVEL FOR ROADWAY BASE.

INSTALL BINDER COURSE OF PAVEMENT.

CONSTRUCT CONCRETE SIDEWALK.

INSTALL GUARDRAIL & FENCING.

LOAM & HYDROSEED SHOULDERS.

SWALE FOR BUILDUP OF SEDIMENT.

• IMPORT, PLACE, & COMPACT STRUCTURAL FILL

CONTINUE WITH WALL CONSTRUCTION & FILL

INSTALL TEMPORARY FENCE AT TOP OF WALL.

PROCEED WITH CONSTRUCTION OF WETLAND

INSTALL PRECAST CONCRETE BLOCK WALLS.

CONSTRUCT 10X10X1' APRON OF 6-12" RIP

PERIODICALLY INSPECT DISCHARGE POINT &

DATE RECORDED AT THE

SUBJECT TO COVENANT DATED WORCESTER COUNTY REGISTRY OF DEEDS.

PAGE **INSTRUMENT #** THIS PLAN WAS PREPARED IN ACCORDANCE WITH A MAJOR RESIDENTIAL DEVELOPMENT SPECIAL PERMIT GRANTED BY THE GRAFTON PLANNING

BOOK 55687, PAGE 313. SEE SHEET 28 FOR PLANNING BOARD CONDITIONS OF APPROVAL

RECORDED IN THE WORCESTER DISTRICT REGISTRY OF DEEDS

BOARD AND FILED WITH THE TOWN CLERK ON MAY 19, 2015 AND

GRAPHIC SCALE (IN FEET) 1 inch = 100 ft.

Drawn By: Designed By: Checked By McCarty Engineering, Inc

Civil Engineers 42 Jungle Road, Leominster, MA 01453 phone:(978) 534-1318 fax: (978) 840-6907

NOT FOR CONSTRUC

INTENDED TO BE USED AS CONSTRUCTION DOCUMENTS.

PREPARED FOR: BULL MEADOW, LLC. 2 RACHEL ROAD BOYLSTON, MA 01505

11/22/2016

Date

TOWN COMMENTS

Revision

BRIAN R.

MARCHETTI CIVIL NO. 46279

THESE PLANS WERE PREPARED FOR THE PURPOSE OF OBTAINING STATE AND LOCAL PERMITS AND ARE NOT

Project Name

Estates at Bull Meadow Definitive Plan

www.mccartydb.com

N. Grafton, MA 01536

Sheet Title **Construction Phasing**

Plan

File Name: 066P-CSPP01

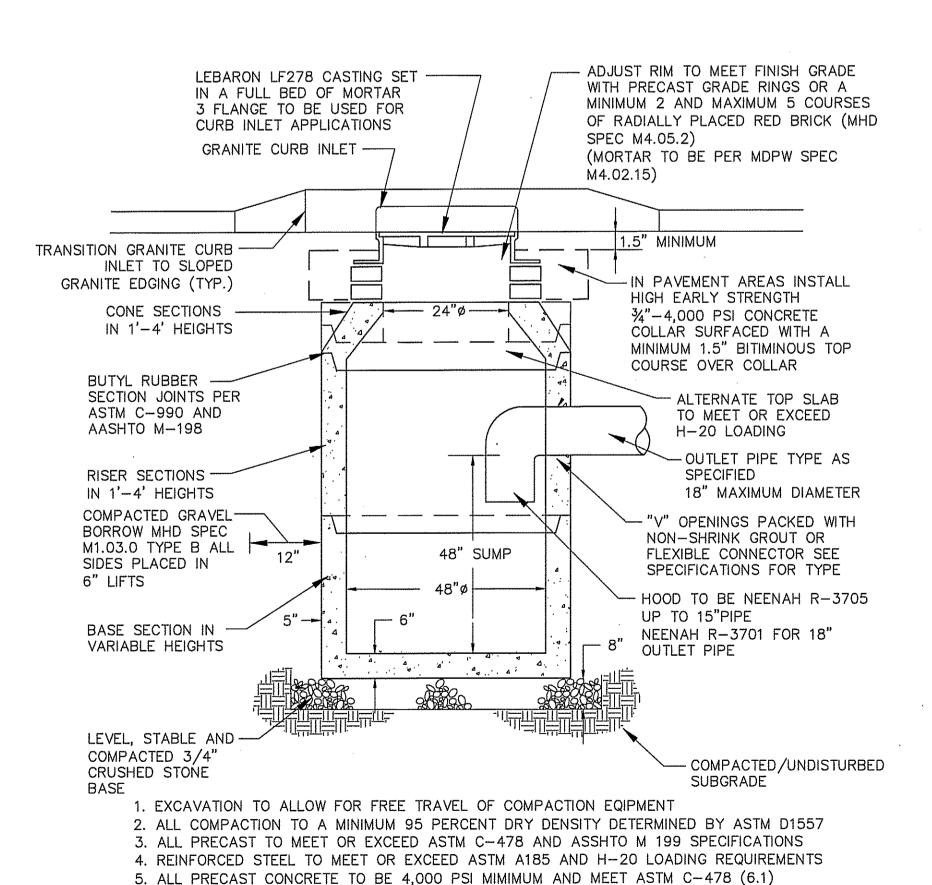
<u>Date</u>: October 11, 2016 Scale: 1"=100'

22 OF 28

1. EXCAVATION TO ALLOW FOR FREE TRAVEL OF COMPACTION EQIPMENT

- 2. ALL COMPACTION TO A MINIMUM 95 PERCENT DRY DENSITY DETERMINED BY ASTM D1557 3. ALL PRECAST TO MEET OR EXCEED ASTM C-478 AND ASSHTO M 199 SPECIFICATIONS
- 4. REINFORCED STEEL TO MEET OR EXCEED ASTM A185 AND H-20 LOADING REQUIREMENTS 5. ALL PRECAST CONCRETE TO BE 4,000 PSI MIMIMUM AND MEET ASTM C-478 (6.1)
- 6. IF NO STEPS ARE SPECIFIED THAN AS THE LOCAL MUNICIPALITY REQUIRES OR IF NO MUNICIPLAITY REQUIREMENTS THEN COPOLYMER POLYPROPYLENE COATED REINFORCED PER ASTM C-478 AND OSHA (STD 1-1.9)
- 7. CONTRACTOR TO CONFIRM WITH CITY OR TOWN DPW THAT BRICK INVERTS ARE NOT A
- 8. FILL ALL INTERNAL AND EXTERNAL HOLES WITH NON-SHRINK GROUT

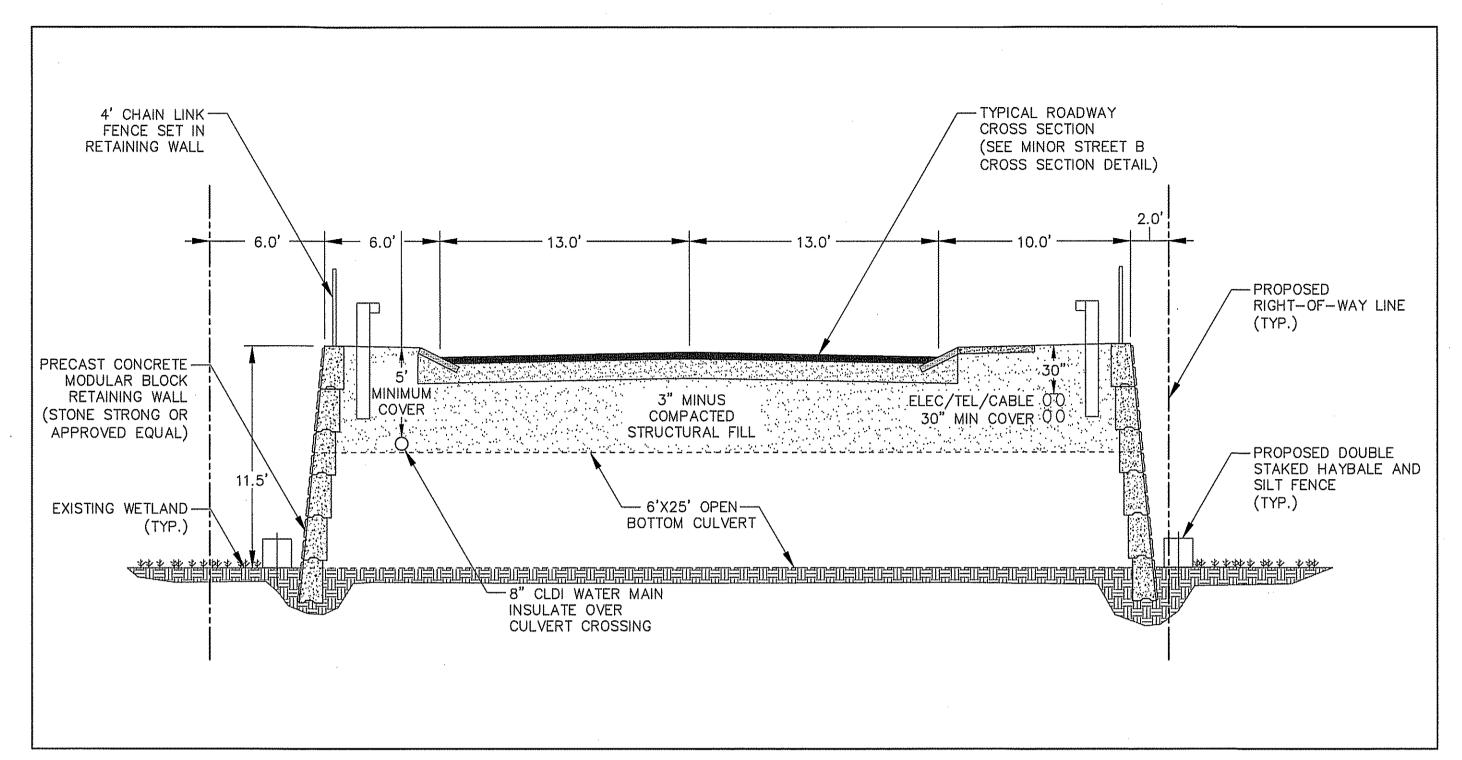
PRECAST CONCRETE DRAIN MANHOLE DETAIL



6. ALL INTERIOR HOLES TO BE SEALED WITH NON-SHRINK GROUT

N.T.S.

7. MIN. STRUCTURE DEPTH SHALL BE 7.5 FT.



WETLAND CROSSING CROSS SECTION SCALE: 1"=50'

-MORTAR AND CEM. CONC.

PRECAST CONCRETE TOP

-DRAIN PIPE

SLAB AND ALL SECTIONS

DESIGNED FOR H-20 LOADING

GRADE RINGS

24" X 48" FRAME & GRATE —

SECTIONS SHALL BE

GROUT OR BUTYL

COMPACTED-

NORMAL DEPTH-

BACKFILL (TYP.)

3/4" CRUSHED STONE OR-

DIRECTED BY THE ENGINEER

GRAVEL BORROW AS

RUBBER (TYP.)

SEALED WITH

NON-SHRINK

WEEPHOLE

1. CATCH BASIN SHALL BE PRECAST CEMENT CONCRETE MANUFACTURED IN ACCORDANCE WITH ASTM C-478 DESIGNED FOR H-20 LOADING.

3. SEE GENERAL PLANS FOR PIPE SIZE, LINE AND GRADE.

2. DRAIN PIPE FOR LATERAL CONNECTIONS SHALL BE INSTALLED

4. BACKFILL MATERIAL SHALL CONSIST OF SUITABLE EXCAVATED

5. INSTALL FRAME & GRATE WITH 24" SIDE ALONG CURB INLET.

MATERIAL AND/OR GRAVEL BORROW AS DIRECTED BY THE ENGINEER.

AND TEMPORARILY PLUGGED AS REQUIRED OR DIRECTED.

COLLAR, SEE MDPW 202.9.0

-GRADE ADJUSTMENTS MADE WITH COURSES

PROVIDE "V" OPENINGS HAND PACK

JOINT WITH NON-SHRINK GROUT (TYP.)

6" MIN.(TYP.)

-GRAVEL BORROW

AS DIRECTED BY

THE ENGINEER

-PRECAST CONCRETE

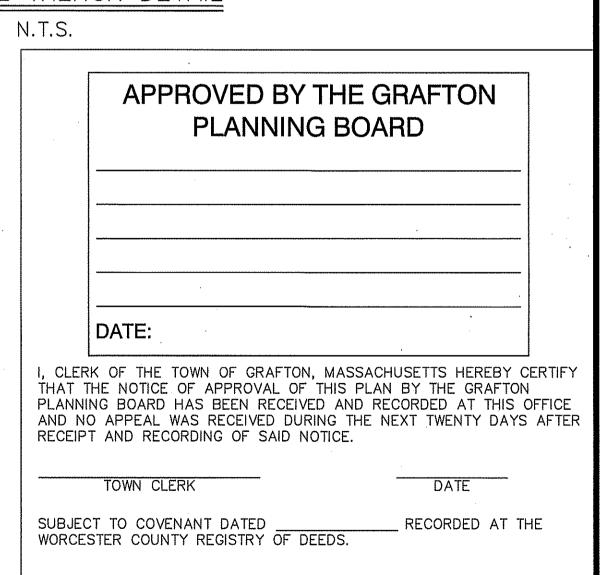
UNDISTURBED EARTH

BASE SECTION

(2 MIN.) OF BRICK OR PRECAST CONC.

SURFACE TREATMENT AS REQUIRED TRENCH WIDTH AT CROWN = 2.5 x PIPE DIAMETER (MAX.) -- UNDISTURBED EARTH --- ORDINARY BORROW COMPACT IN 1 FT. LIFTS SCREENED GRAVEL BEDDING FOR RCP PIPE CLASS III REINFORCED CONCRETE 3/4" CRUSHED-PIPE OR SDR 35 PVC PIPE STONE BEDDING FOR PVC PIPE 6" MIN. UNDISTURBED EARTH

DRAIN PIPE TRENCH DETAIL



6" 8"

WOOD GUARD RAIL DETAIL

N.T.S.

6"x6" P.T. WOOD RAIL

─5/8" RAIL BOLT 16" LONG

1 PER POST, MIN. 2" THREAD

-HEX NUT W/ROUND

WASHER (STEEL)

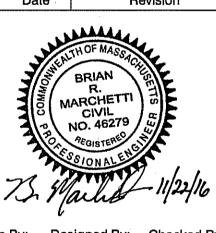
~6"x8" P.T. POST

PAGE INSTRUMENT # THIS PLAN WAS PREPARED IN ACCORDANCE WITH A MAJOR RESIDENTIAL DEVELOPMENT SPECIAL PERMIT GRANTED BY THE GRAFTON PLANNING BOARD AND FILED WITH THE TOWN CLERK ON MAY 19, 2015 AND RECORDED IN THE WORCESTER DISTRICT REGISTRY OF DEEDS BOOK 55687, PAGE 313.

SEE SHEET 28 FOR PLANNING BOARD CONDITIONS OF APPROVAL

NOT FOR CONSTRUCTIO THESE PLANS WERE PREPARED FOI THE PURPOSE OF OBTAINING STATE AND LOCAL PERMITS AND ARE NOT INTENDED TO BE USED AS CONSTRUCTION DOCUMENTS.

PREPARED FOR: BULL MEADOW, LLC. 2 RACHEL ROAD BOYLSTON, MA 01505 2 11/22/2016 TOWN COMMENTS 1 10/11/2016 TOWN COMMENTS No. Date Revision



Designed By: Checked By

McCarty Engineering, Inc Civil Engineers 42 Jungle Road, Leominster, MA 01453 phone:(978) 534-1318 fax: (978) 840-6907

www.mccartydb.com

Project Name

Estates at Bull Meadow Definitive Plan N. Grafton, MA 01536

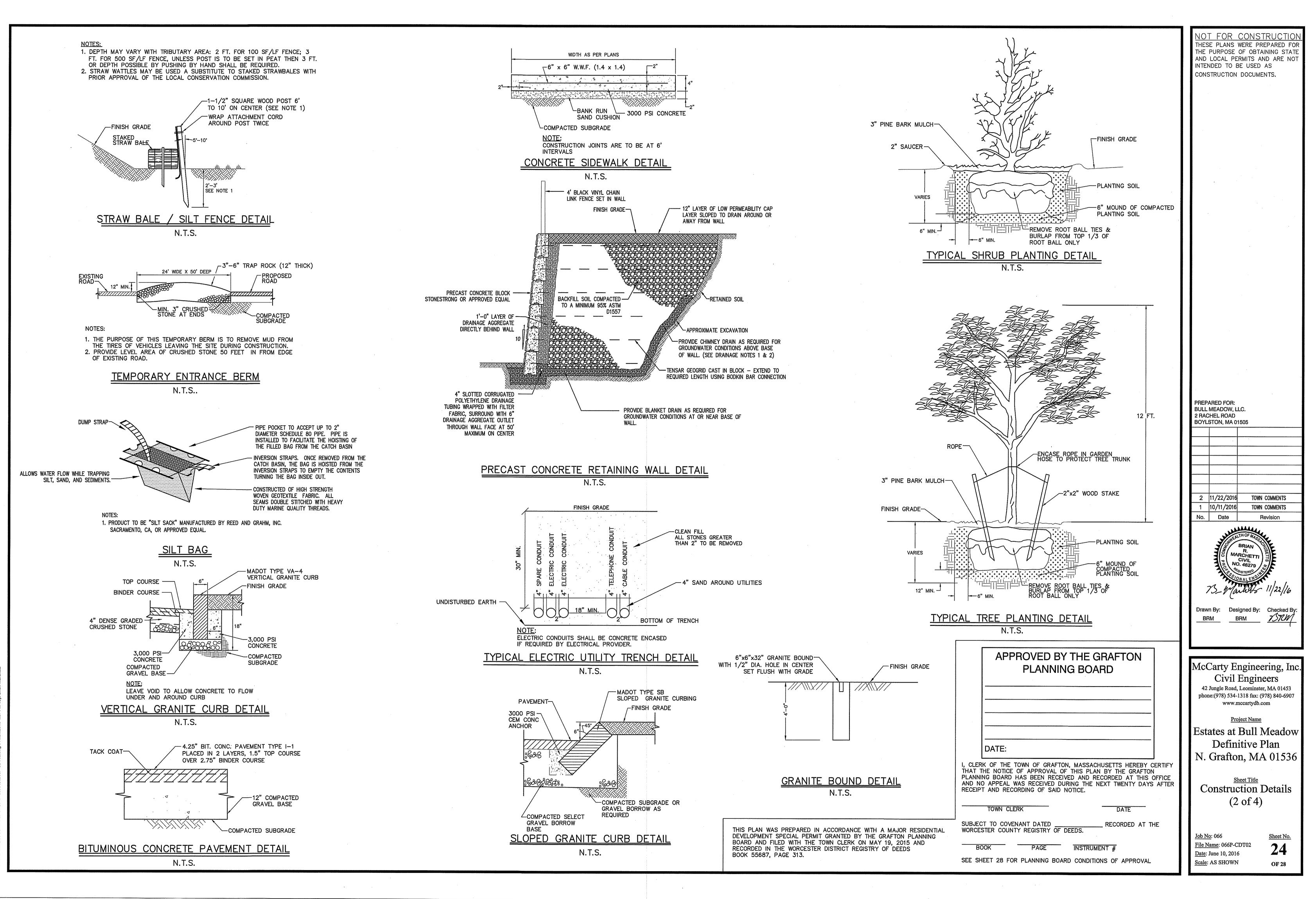
Construction Details (1 of 4)

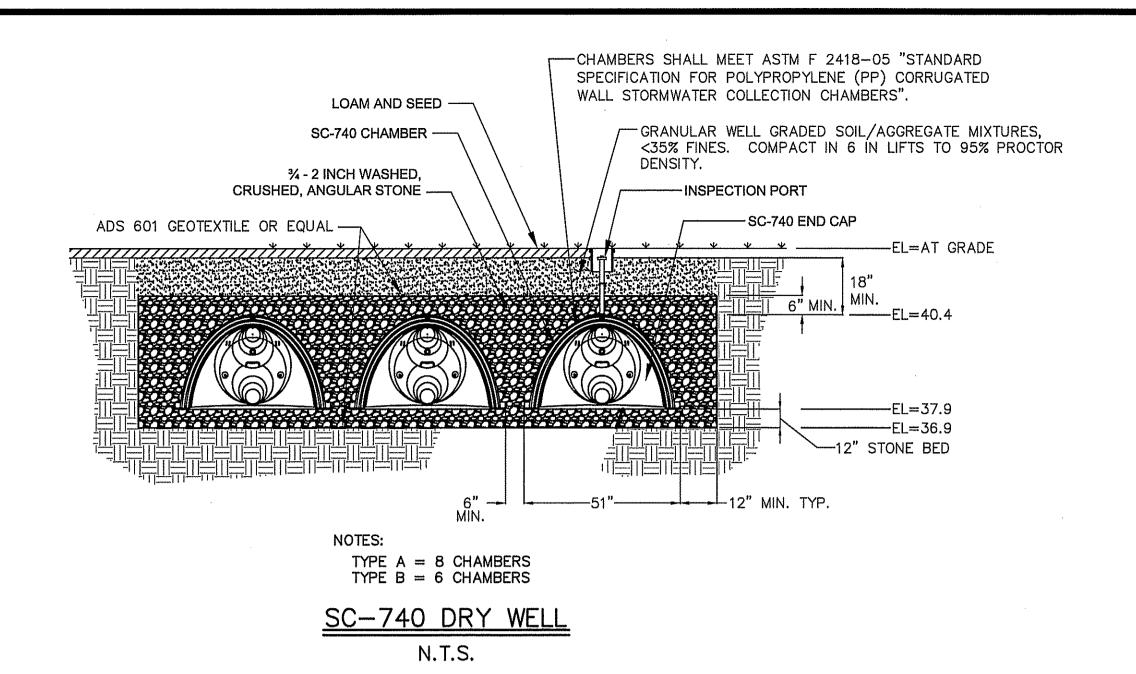
<u>Job No</u>: 066 File Name: 066P-CDT01 Date: June 10, 2016

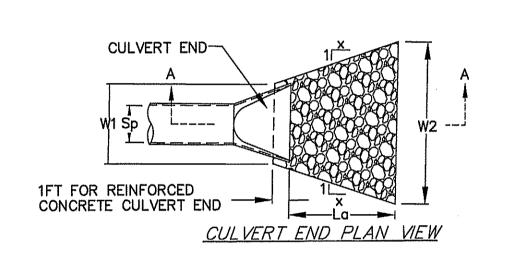
Sheet No.

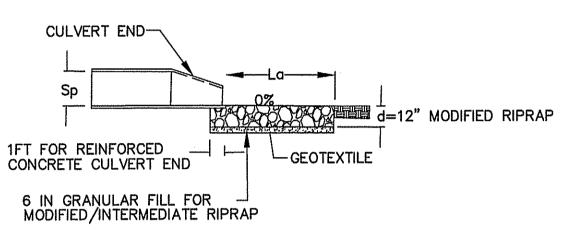
Scale: AS SHOWN

PRECAST CONCRETE DOUBLE PRECAST CONCRETE CATCH BASIN DETAIL CATCH BASIN DETAIL N.T.S.





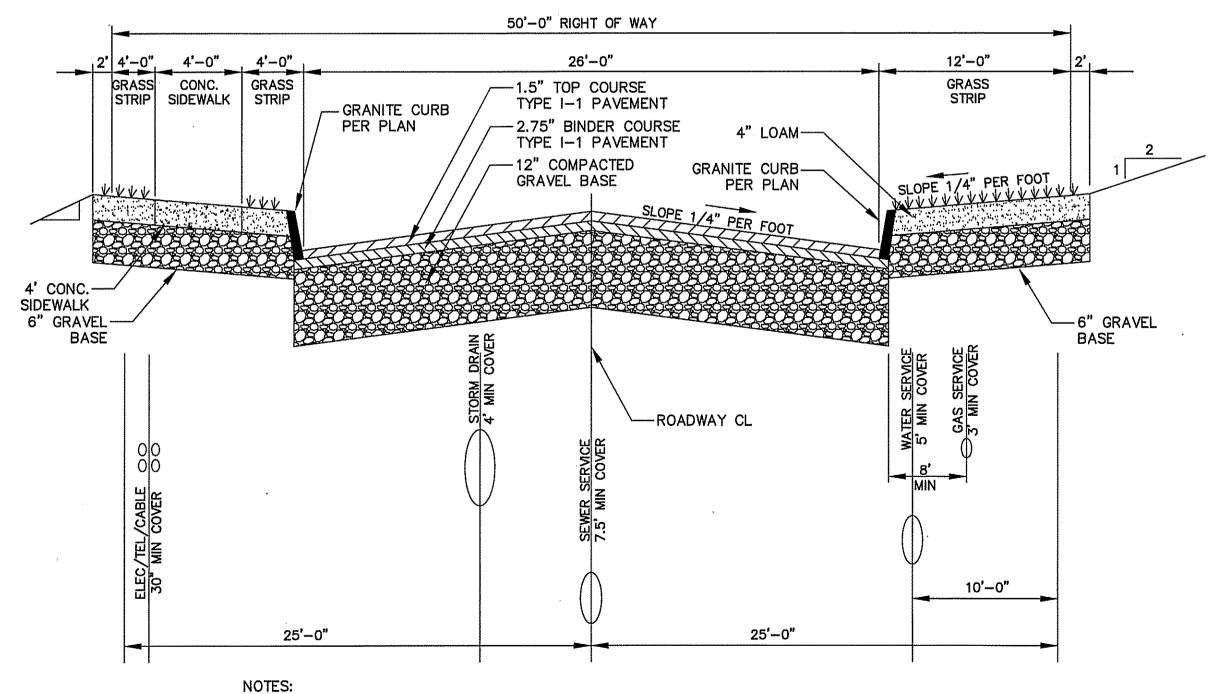




SECTION A-A CULVERT END AND ENDWALL

A	PRON	SIZIN	\G	C	RITE	RIA	
				X	W1	W2	La
TYPE A	RIPRAP	APRO	Z	3	3Sp	3Sp+0.7La	
		FES	1	3	4.5	12.9	12.0
		FES	2	3	3.0	12.9	10.0
		_FES	3	3	2.0	12.9	9.0
		FES	4	3	4.5	12.9	15.7
		FES	5	3	4.5	12.9	15.7

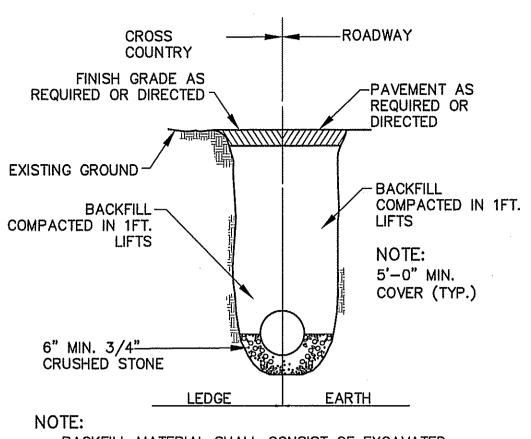
RAP OUTLET PROTECTION (TYPE A)



1. GAS SERVICE IS NOT INCORPORATED INTO THE DESIGN OF THIS SUBDIVISION. 2. SEWER SERVICE IS NOT INCORPORATED INTO THE DESIGN OF THIS SUBDIVISION. THE PROPOSED LOTS WILL BE SERVICED BY INDIVIDUAL SEPTIC SYSTEMS.

MINOR STREET B STANDARD CROSS-SECTION

N.T.S.

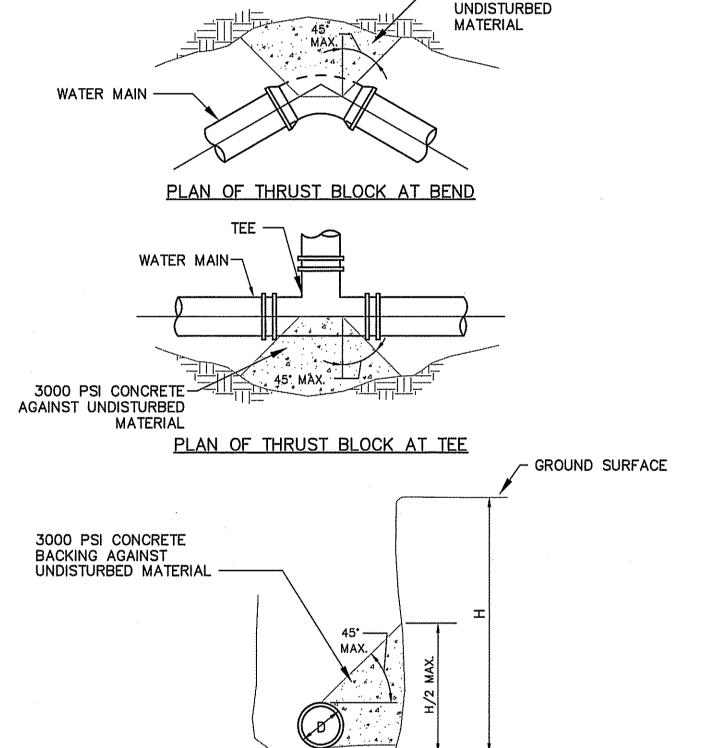


BACKFILL MATERIAL SHALL CONSIST OF EXCAVATED MATERIAL AND/OR GRAVEL BORROW AS DIRECTED BY THE

TYPICAL WATER MAIN TRENCH DETAIL N.T.S.

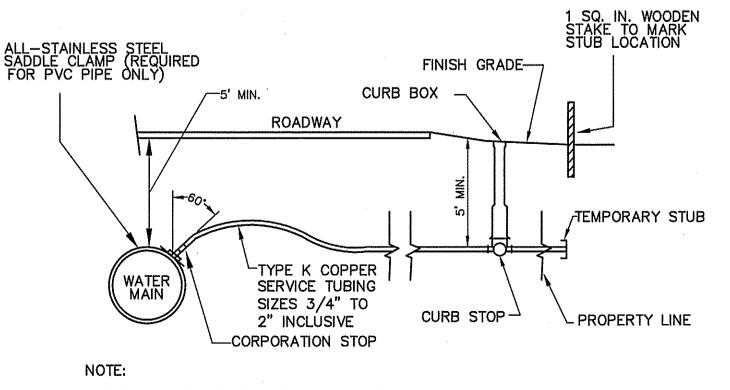
-3000 PSI CONCRETE

AGAINST



WATER MAIN THRUST BLOCK DETAIL N.T.S.

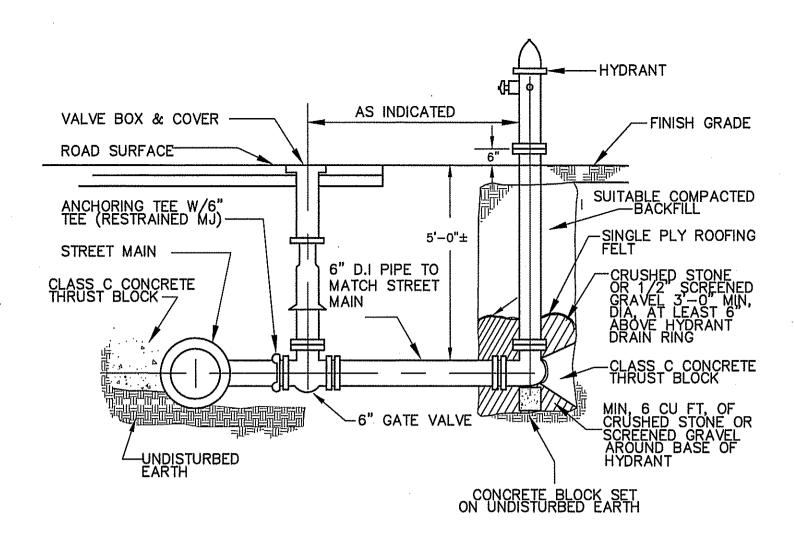
THRUST BLOCK SECTION



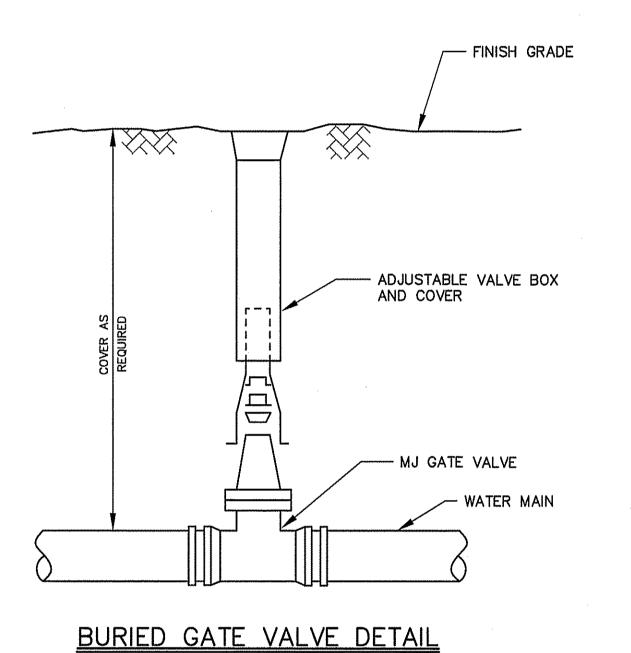
TUBING, CORPORATION COCK & CURB STOP SHALL BE AS REQUIRED.

WATER SERVICE DETAIL

N.T.S.



HYDRANT CONNECTION DETAIL N.T.S.



N.T.S.

BOOK 55687, PAGE 313.

	4 DDD (VED D)	VILLE ODAETON	1
		Y THE GRAFTON	
	PLANNIN	NG BOARD	

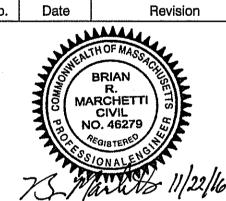
	DATE:		
			J
THAT T PLANNI AND N	HE NOTICE OF APPROVAL ON BOARD HAS BEEN RECE	ON, MASSACHUSETTS HEREBY OF THIS PLAN BY THE GRAFTON IVED AND RECORDED AT THIS OF URING THE NEXT TWENTY DAYS NOTICE.	I OFFICE
	TOWN CLERK	DATE	
	TT TO COVENANT DATED STER COUNTY REGISTRY OF	DEEDS. RECORDED AT THE	HE
B(DOK PAGE	INSTRUMENT #	
THIS PL	AN WAS PREPARED IN ACC	ORDANCE WITH A MAJOR RESID	
	AND FILED WITH THE TOWN ED IN THE WORCESTER DIST	CLERK ON MAY 19, 2015 AND RICT REGISTRY OF DEEDS	

SEE SHEET 28 FOR PLANNING BOARD CONDITIONS OF APPROVAL

NOT FOR CONSTRUCTION THESE PLANS WERE PREPARED FOR THE PURPOSE OF OBTAINING STATE AND LOCAL PERMITS AND ARE NOT INTENDED TO BE USED AS CONSTRUCTION DOCUMENTS.

PREPA	ARED FOR:		
	MEADOW, L	LC.	
	HEL ROAD	1505	
BUIL	STON, MA 0	1000	

2 11/22/2016 TOWN COMMENTS 1 10/11/2016 TOWN COMMENTS No. Date Revision



Designed By: Checked By

McCarty Engineering, Inc. Civil Engineers 42 Jungle Road, Leominster, MA 01453 phone:(978) 534-1318 fax: (978) 840-6907 www.mccartydb.com

Project Name

Estates at Bull Meadow Definitive Plan N. Grafton, MA 01536

Construction Details (3 of 4)

<u>Job No</u>: 066 File Name: 066P-CDT03 Date: June 10, 2016 Scale: AS SHOWN

Sheet No. **25** OF 28

FRAME & COVER OR GRATE FOR INLET GRADE ADJUSTERS TO SUIT FINISHED GRADE 4"ø PVC PIPE MIN.15" _ 4"ø OIL PORT HIGH W/ 4" CAP ┌4"ø OUTLET RISER PIPE OUTLET INLET ^L12"ø INLET DOWN PIPE LINSERT TEE HERE (REMOVABLE) (TEE OPENING TO FACE SIDE WALL) 4"ø OUTLET-PLAN VIEW RISER PIPE SECTION THRU CHAMBER

1. THE USE OF FLEXIBLE CONNECTION IS RECOMMENDED AT THE INLET AND OUTLET WHERE APPLICABLE.

2. THE COVER SHOULD BE POSITIONED OVER THE INLET DROP PIPE AND THE OIL PORT. 3. THE STORMCEPTOR SYSTEM IS PROTECTED BY ONE OR MORE OF THE FOLLOWING U.S. PATENTS: #4985148, #5498331, #5725760, #5753115, #5849181, #6068765, #6371690.

4. CONTACT A CONCRETE PIPE DÍVISION REPRESENTATIVE FOR FURTHER DETAILS NOT LISTED ON THIS DRAWING.

STC 450 WATER QUALITY UNIT

THESE PLANS WERE PREPARED FO THE PURPOSE OF OBTAINING STATE AND LOCAL PERMITS AND ARE NOT INTENDED TO BE USED AS CONSTRUCTION DOCUMENTS.

NOT FOR CONSTRUCTIO

PREPARED FOR: BULL MEADOW, LLC. 2 RACHEL ROAD BOYLSTON, MA 01505 2 11/22/2016 TOWN COMMENTS 1 10/11/2016 TOWN COMMENTS No. Date Revision

> BRIAN R. MARCHETTI CIVIL NO. 46279

Drawn By: Designed By: Checked By BRM

McCarty Engineering, Inc. Civil Engineers

42 Jungle Road, Leominster, MA 01453 phone:(978) 534-1318 fax: (978) 840-6907 www.mccartydb.com

Estates at Bull Meadow Definitive Plan N. Grafton, MA 01536

Construction Details (4 of 4)

<u>ob No</u>: 066 File Name: 066P-CDT04 Date: June 10, 2016

Scale: AS SHOWN

Sheet No. OF 28

SEE SHEET 28 FOR PLANNING BOARD CONDITIONS OF APPROVAL

APPROVED BY THE GRAFTON PLANNING BOARD

DATE:

, CLERK OF THE TOWN OF GRAFTON, MASSACHUSETTS HEREBY CERTIFY THAT THE NOTICE OF APPROVAL OF THIS PLAN BY THE GRAFTON PLANNING BOARD HAS BEEN RECEIVED AND RECORDED AT THIS OFFICE AND NO APPEAL WAS RECEIVED DURING THE NEXT TWENTY DAYS AFTER RECEIPT AND RECORDING OF SAID NOTICE.

> DATE TOWN CLERK

SUBJECT TO COVENANT DATED WORCESTER COUNTY REGISTRY OF DEEDS.

THIS PLAN WAS PREPARED IN ACCORDANCE WITH A MAJOR RESIDENTIAL DEVELOPMENT SPECIAL PERMIT GRANTED BY THE GRAFTON PLANNING BOARD AND FILED WITH THE TOWN CLERK ON MAY 19, 2015 AND RECORDED IN THE WORCESTER DISTRICT REGISTRY OF DEEDS BOOK 55687, PAGE 313.

RECORDED AT THE

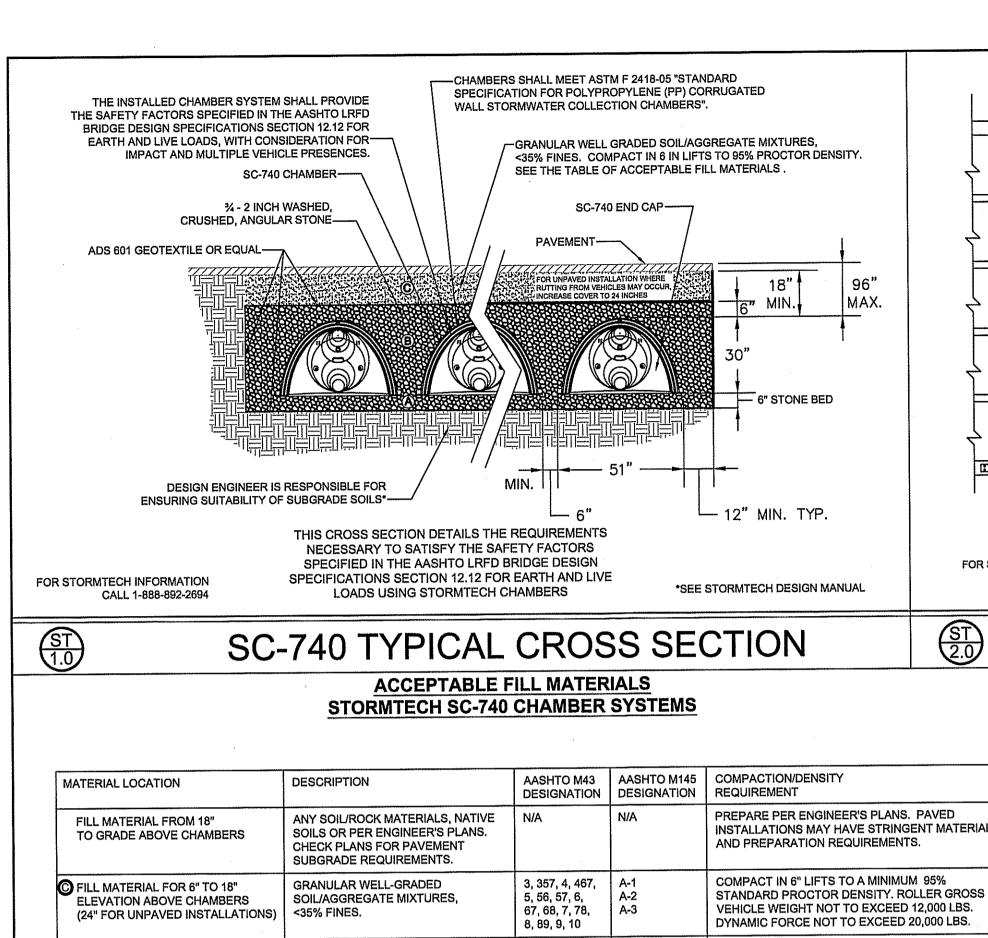
IRIS VERSICOLOR LOBELIA CARDINALIS OSMUNDA REGALIS OSMUNDA CINNAMOMEA

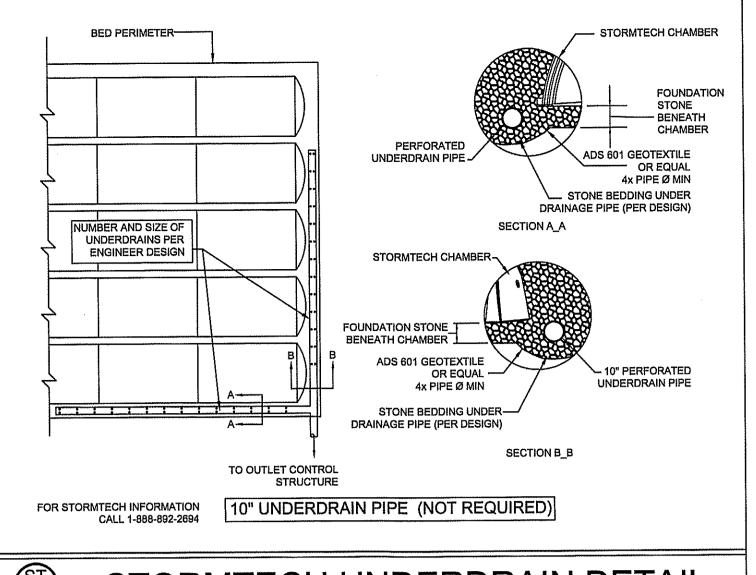
BLUE FLAG IRIS CARDNIAL FLOWER ROYAL FERN

RAINGARDEN DETAIL

CINNAMON FERN

N.T.S.





1. ALL DESIGN SPECIFICATIONS FOR STORMTECH CHAMBERS

2. THE INSTALLATION OF STORMTECH CHAMBERS SHALL BE IN

3. THE CONTRACTOR IS ADVISED TO REVIEW AND UNDERSTAND

THE INSTALLATION INSTRUCTIONS PRIOR TO BEGINNING SYSTEM

ACCORDANCE WITH THE LATEST STORMTECH INSTALLATION

WWW.STORMTECH.COM TO RECEIVE A COPY OF THE LATEST

4. CHAMBERS SHALL MEET THE DESIGN REQUIREMENTS AND

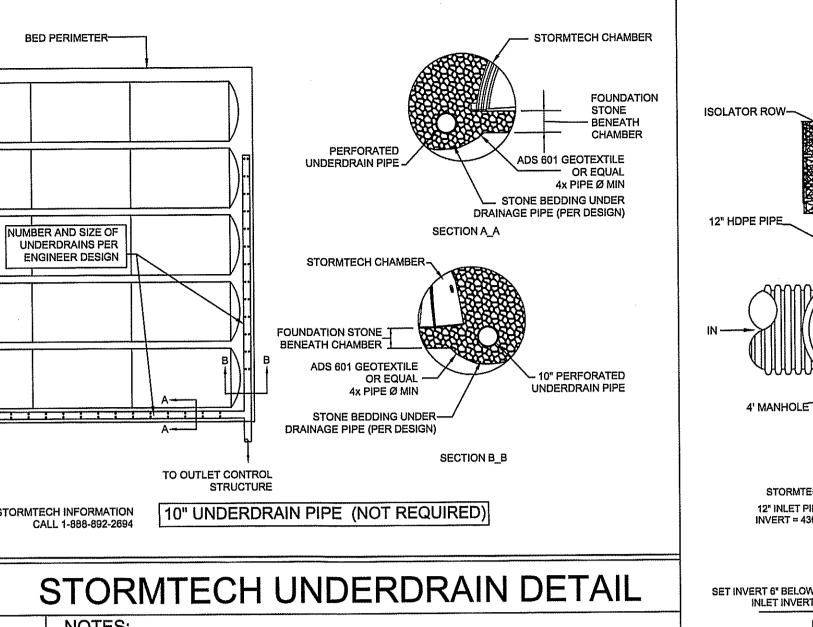
SAFETY FACTORS SPECIFIED IN SECTION 12.12 OF THE LATEST

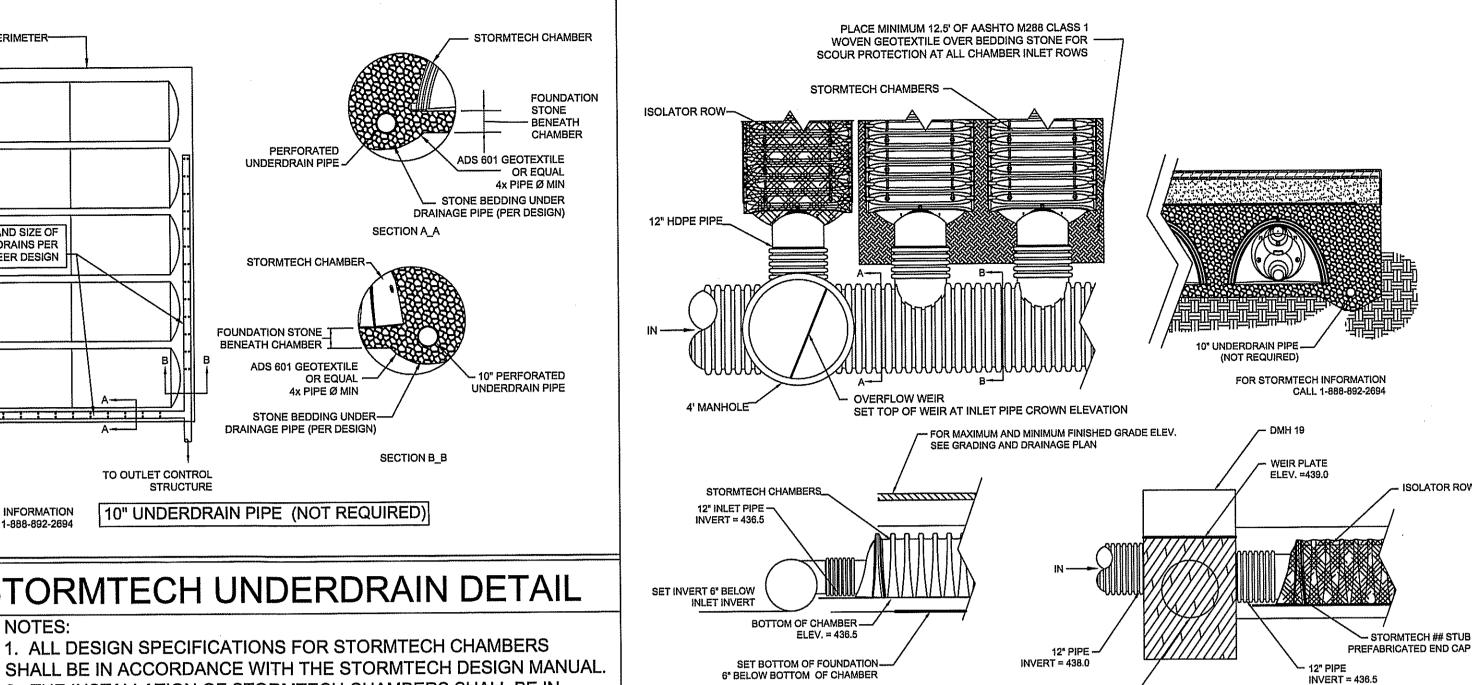
EDITION OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS.

INSTALLATION. CALL 1-888-892-2694 OR VISIT

STORMTECH INSTALLATION INSTRUCTIONS.

INSTRUCTIONS.



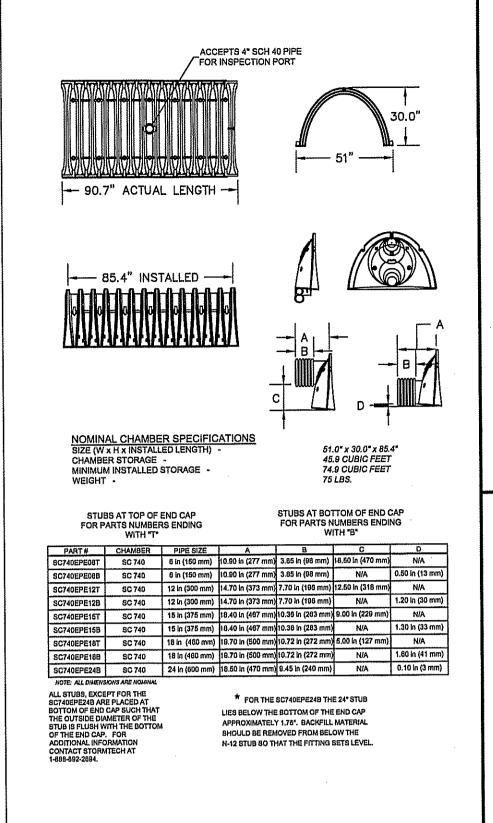


SECTION B_B

18" MANIFOLD PIPE -

INVERT = 436.0

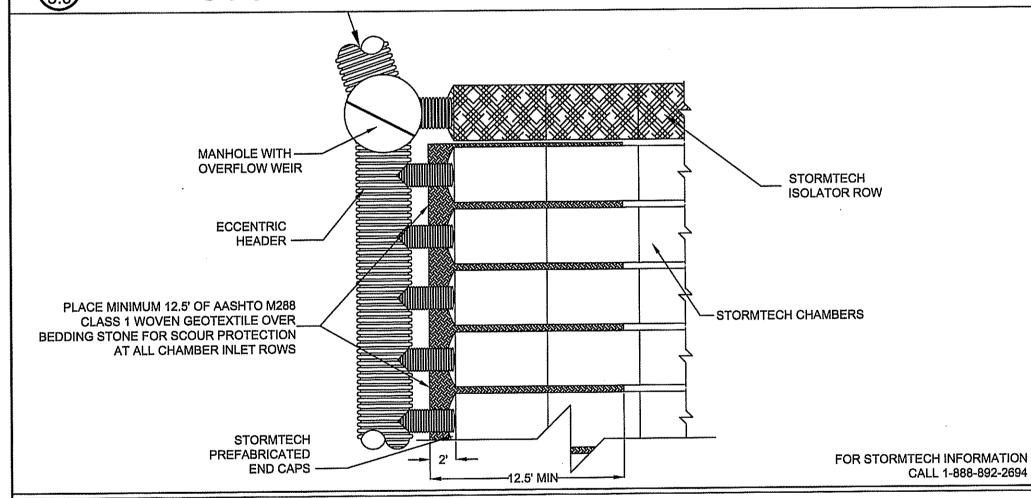
SECTION A_A

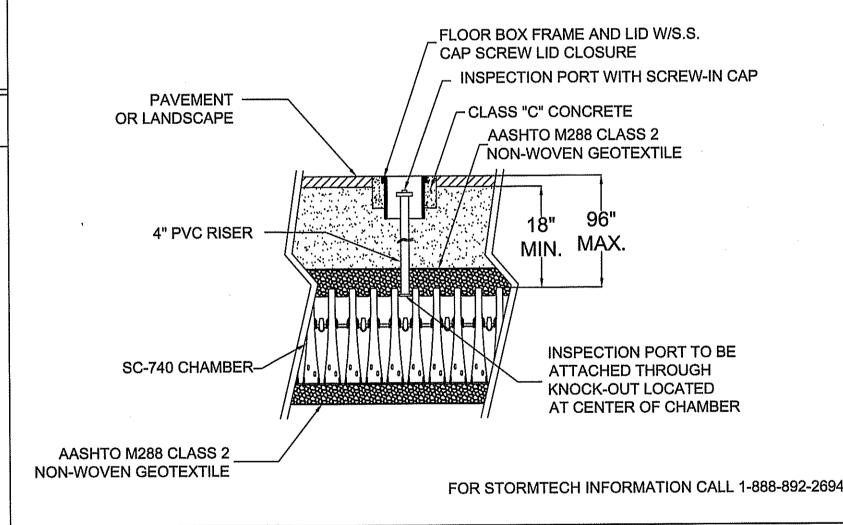


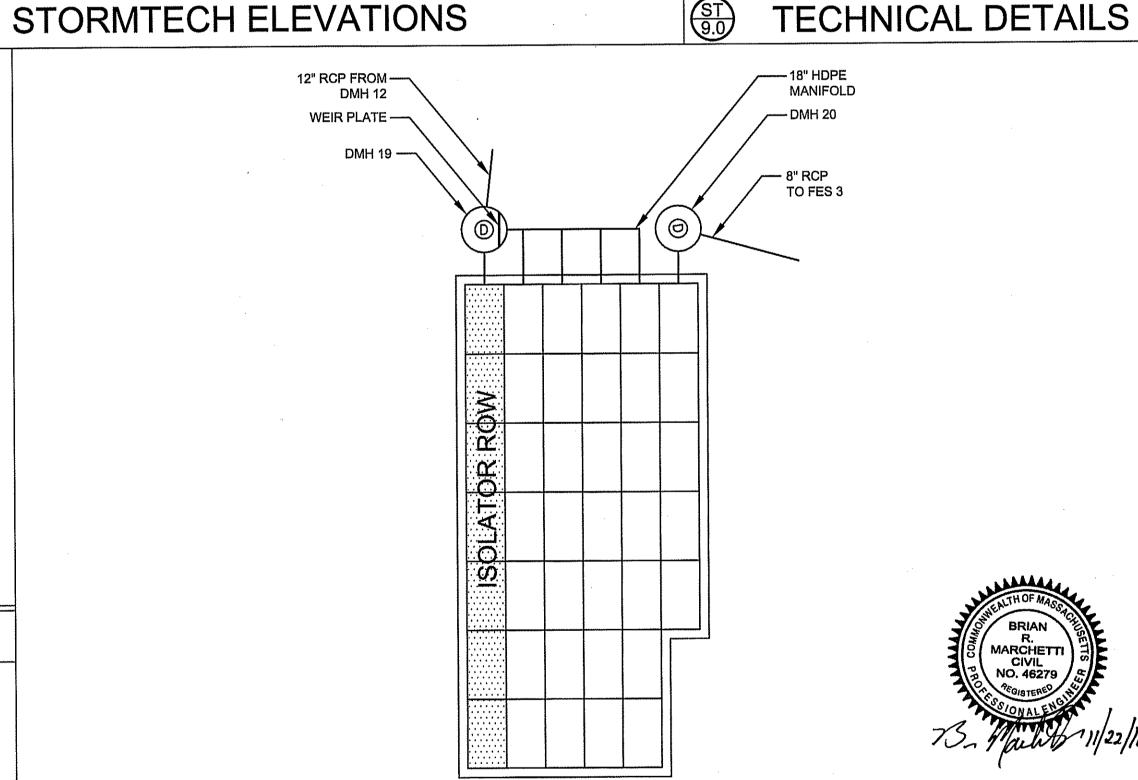
NO COMPACTION REQUIRED WASHED ANGULAR STONE WITH THE 3, 357, 4, 467, 5, N/A (B) EMBEDMENT STONE SURROUNDING MAJORITY OF PARTICLES BETWEEN AND TO A 6" ELEVATION ABOVE PLATE COMPACT OR ROLL TO ACHIEVE A WASHED ANGULAR STONE WITH THE 3, 357, 4, 467, A FOUNDATION STONE BELOW 95% STANDARD PROCTOR DENSITY MAJORITY OF PARTICLES BETWEEN CHAMBERS

PLEASE NOTE: THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE WASHED CRUSHED ANGULAR. FOR EXAMPLE, THE

STORMTECH ACCEPTABLE FILL MATERIALS







- ISOLATOR ROW

This drawing was prepared to support the conversion. It is the ultimate responsibility of the design engineer to assure that the stormwater system's design is in full compliance with all applicable laws and regulations. It is the design engineer's responsibility to ensure that the StormTech products are designed in accordance with StormTech minimum requirements StormTech LLC does not approve plans, sizing, or system designs. The design engineer is responsible for all design decisions.

O

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at

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REVISIONS	DATE
TOWN COMMENTS	11/22/2016

UNDERGROUND INFILTRATION BASIN (SC-740 - 40 CHAMBERS)

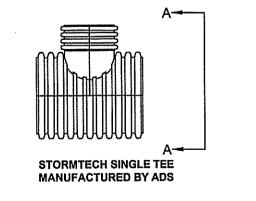
DRAWING TITLE

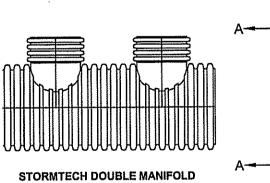
Stormtech Infiltration Basin Details

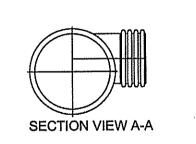
STORMTECH SC-740

	CHAMBER DETAIL SHEET			
	SAVED AS	066-CDT06		
	DRAWN BY	JLL	CHECKED BY BRM	
	SCALE	NTS	DRAWING NO.	
	DATE	10/11/2016	97 of 90	
	PROJECT NO.	066	27 of 28	

STORMTECH INSPECTION PORT DETAIL

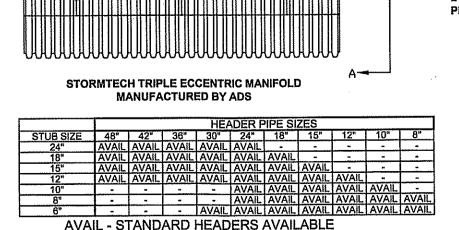






FOR INFORMATION CALL 1-888-892-2694

MANIFOLDS ARE DESIGNED TO BE COUPLED TO STORMTECH PREFABRICATED END CAPS.
WHEN USING STANDARD END CAPS, CORRUGATE DPIPE UP TO 18 INCHES CAN BE INSERTED DIRECTLY INTO THE END CAP. FOR 24" INLET PIPES, A CORRUGATED TO SMOOTH



SEE SHEET 28 FOR PLANNING BOARD CONDITIONS OF

ST 10.0

GENERAL NOTES:

APPROVAL

INCLUDE H20 DESIGN TRUCK, IMPACT FACTOR, MULTIPLE PRESENCE, AND LANE LOAD. STORMTECH SC-740 CHAMBER LAYOUT

SPECIFICATIONS LOADS SHALL BE CALCULATED IN ACCORDANCE WITH SECTION 3 AND SHALL

CHAMBERS SHALL MEET THE DESIGN REQUIREMENTS AND SAFETY FACTORS SPECIFIED IN

SECTION 12.12 OF THE LATEST EDITION OF THE AASHTO LRFD BRIDGE DESIGN

SCALE: 1"=10'

CATCH BASIN MANHOLE BY DESIGN ENGINEER AASHTO M288 CLASS 1 WOVEN GEOTEXTILE OR EQUAL, FOR STORMTECH INFORMATION BETWEEN FOUNDATION STONE AND CHAMBERS SC-740--5'-6' WIDE STRIP

STORMTECH ISOLATOR™ ROW MANIFOLD DETAIL

INSPECTION PORT

BY DESIGN ENGINEER

STORMTECH ISOLATOR™ ROW DETAIL

AASHTO M288 CLASS 2 NON-WOVEN

- STORMTECH ENDCAP

GEOTEXTILE OR EQUAL

SC-740--8' WIDE STRIP

SC-310--5' WIDE STRIP

ADS MANIFOLD DETAILS

VARCHETTI

		CONSTRUCTION DOCUMENTS.
		·
		PREPARED FOR: BULL MEADOW, LLC.
		2 RACHEL ROAD BOYLSTON, MA 01505
		1 11/22/2016 NO CHANGE No. Date Revision
		THE ALTHOF MASS
		BRIAN R. MARCHETTI
		NO. 46279 G
		D Warlet 11/22/16
	A DODOVICE DIVITIES OF A FTONI	Drawn By: Designed By: Checked By: BRM BRM - SM
	APPROVED BY THE GRAFTON PLANNING BOARD	BRM BRM 7504
		McCarty Engineering, Inc.
		Civil Engineers 42 Jungle Road, Leominster, MA 01453
	DATE:	phone:(978) 534-1318 fax: (978) 840-6907 www.mccartydb.com
	DATE: I. CLERK OF THE TOWN OF GRAFTON, MASSACHUSETTS HEREBY CERTIFY	Project Name Estates at Bull Meadow
	I, CLERK OF THE TOWN OF GRAFTON, MASSACHUSETTS HEREBY CERTIFY THAT THE NOTICE OF APPROVAL OF THIS PLAN BY THE GRAFTON PLANNING BOARD HAS BEEN RECEIVED AND RECORDED AT THIS OFFICE AND NO APPEAL WAS RECEIVED DURING THE NEXT TWENTY DAYS AFTER RECEIPT AND RECORDING OF SAID NOTICE.	Definitive Plan
	RECEIPT AND RECORDING OF SAID NOTICE.	N. Grafton, MA 01536
	TOWN CLERK DATE SUBJECT TO COVENANT DATED RECORDED AT THE	Sheet Title Conditions of
	WORCESTER COUNTY REGISTRY OF DEEDS.	Approval
	BOOK PAGE INSTRUMENT # THIS PLAN WAS PREPARED IN ACCORDANCE WITH A MAJOR RESIDENTIAL	
	THIS PLAN WAS PREPARED IN ACCORDANCE WITH A MAJOR RESIDENTIAL DEVELOPMENT SPECIAL PERMIT GRANTED BY THE GRAFTON PLANNING BOARD AND FILED WITH THE TOWN CLERK ON MAY 19, 2015 AND RECORDED IN THE WORCESTER DISTRICT REGISTRY OF DEEDS	Job No: 066 Sheet No.
	BOOK 55687, PAGE 313. SEE SHEET 28 FOR PLANNING BOARD CONDITIONS OF APPROVAL	File Name: 066P-COND01 Date: October 11, 2016 Scale: NONE OF 28
		Or 28

NOT FOR CONSTRUCTION
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THE PURPOSE OF OBTAINING STATE
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